

李新



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部門： 決策科學系

教育背景

2010-2014 哲學博士（全額獎學金）：澳門大學/供應鏈管理；
2007-2010 理學碩士：澳門大學/數學；
2003-2007 工商管理學士（全額獎學金）：澳門科技大學/物流管理。

工作經驗

2022.7-現在 決策科學系系主任/澳門科技大學
2024.7-現在 教授/澳門科技大學
2019.7-2024.6 副教授/澳門科技大學
2014.9-2019.6 助理教授/澳門科技大學
2013.9-2014.8 講師/澳門科技大學
2017.7-2017.8 訪問學者/物流及航運學系/香港理工大學
2015.7-2015.8 訪問學者/物流及航運學系/香港理工大學
2009-2013 研究助理/教學助理/澳門大學

教學活動

本科：

供應鏈金融，貿易融資，供應鏈應用與政策，統計學、管理決策方法，營運管理，商業博弈論等。

碩士：

供應鏈融資，統計學、管理決策方法，營運管理，研究方法，博弈論，供應鏈管理專題，經濟專題等。

研究領域

物流與供應鏈金融，共享經濟，綠色與可持續供應鏈，網絡平臺運營，動態規劃，排隊系統等。

獎項

2016/2017 年度中銀學術優秀獎

2020/2021 年度澳門國際銀行學術研究獎

2020/2021 學年教學傑出獎並獲“傑出教師”稱號

2019/2020 雲課堂教學傑出獎

2019/2020 學年澳門科技大學教學成果獎

2018/2019 廣東省本科高校物流管理與工程類專業優秀教學成果二等獎

其他專業資格 / 獎項 / 活動

國際物流與運輸協會（CILT），特許會員（Chartered Member）

澳門政治經濟研究學會理事

澳門青年研究學會理事

澳門民航政策研究學會理事

澳門物流與運輸協會理事

審稿期刊：*Manufacturing & Service Operations Management, Production and Operations*

Management, European Journal of Operations Research, International Journal of Production

Economics, Annals of Operations Research, Transportation Research Part E, International Journal of Production Research, etc.

代表論文

1. X. Li, P. Guo, Z. Lian. “Quality-Speed Competition in Customer-Intensive Services with Boundedly Rational Customers.” *Production and Operations Management*. Vol 25, No.11, pp. 1885–190, 2016 (UTD list, SCI).
2. X. Li, K. K. Choong, Z. Lian, X. Liu. “A Quantity-Flexibility Contract with Coordination.” *International Journal of Production Economics*. Vol. 9, pp. 273-284, 2016. (SCI, IF=5.134, 4/84 in OPERATIONS RESEARCH&MANAGEMENT SCIENCE, INDUSTRIAL)
3. X. Xu, Z. Lian, X. Li*, P. Guo. “A Hotelling Queue Model with Probabilistic Service.” *Operations Research Letters*. Vol. 44, No. 5, pp. 592-597, 2016. (SCI).
4. X. Li, H. Chen, X. Tao. “Pricing and Capacity Allocation in Renewable Energy.” *Applied Energy*. Vol. 179, pp. 1097-1105, 2016. (SCI, IF=7.9, 8/97 in ENERGY & FUELS).
5. Y. Shi, X. Li*, P. Fan. “Optimization of an M/M/∞ Queueing Systems with Free Experience Service.”

Asia-Pacific Journal of Operational Research. Vol. 33, No. 6, 2016. (SCI).

6. **X. Li**, Q. Li, P. Guo, Z. Lian. "On the Uniqueness and Stability of Equilibrium in Quality-Speed Competition with Boundedly-Rational Customers: the Case with General Reward Function and Multiple Servers." *International Journal of Production Economics*. Vol. 193, pp, 726-736, 2017. (SCI, IF=5.134, 4/84 in OPERATIONS RESEARCH&MANAGEMENT SCIENCE, INDUSTRIAL)
7. **X. Li**, P. Guo, Z. Lian. "Price-Capacity Decisions and Service Sustainability with Boundedly Rational Customers." *Naval Research Logistics*. Vol. 64. No. 4, 2017. (SCI) .
8. **X. Li**, Z. Lian, and C. Pang. "Efficient coordination of supply contracts with demand learning and two production modes." *International Journal of Production Economics* 225 107585, 2020. (SCI, IF=5.134, 4/84 in OPERATIONS RESEARCH&MANAGEMENT SCIENCE, INDUSTRIAL)
9. Zhang, Jinjin, **X. Li**^{*}, Yong-Hong Kuo, and Yan Chen. "Coordinating supply chain financing for e-commerce companies through a loan contract." *SAGE Open*. Vol 11, No. 4. 2021. (SSCI).
10. **X. Li**, Q. Li, and P. Guo. "Time-based or fixed-fee? How to penalize cancellation of orders of car-hailing applications." *International Journal of Production Economics* 232 107960, 2021. (SCI, IF=5.134, 4/84 in OPERATIONS RESEARCH&MANAGEMENT SCIENCE, INDUSTRIAL)
11. **X. Li**, M. Wu, C. Shi, Y. Chen,. Impacts of green credit policies and information asymmetry: From market perspective[J]. *Resources Policy*, 81: 103395. 2023 (SSCI)
12. **Li, Xin**, Balasubramanian, H., Chen, Yan^{*}, & Pang, Chuan (2023), Managing conflicting revenue streams from advertisers and subscribers for online platforms. *European Journal of Operational Research*. Dec. 314(1).
13. Y. Shi, Z. Lian, **Li, Xin**^{*} and Q. Long. (2023), Social Welfare Optimisation in a Hotelling Model with Two Double-sided Queues, *International Journal of Shipping and Transport Logistics*, Dec. online. DOI: 10.1504/IJSTL.2023.10050983 .
14. K. Li and Z. Lian. **X. Li**^{*}, (2025) Share or not Share Capacity? Target Customer Type in Batch Service Queue Systems, *European Journal of Operational Research*. Forthcoming.

主要工作論文

1. **X. Li**, Z. Lian^{*} and Y. Shi. "Strategic Equilibrium of Service Capacity Co-opetition with Time Sensitive Customers" Under Review in *OR Spectrum*. 2023
2. **X. Li**, K. Li and Z. Lian. "Co-opetition in Batch Serving Service System with Limited Capacity" Prepared to submit to *Manufacturing & Service Operations Management*.

學術研討會論文

1. **X. Li**, P. Guo, Z. Lian. (2013, 1-4 July). *Bounded Rationality in Customer-sensitive Service System*, the 26th European Conference on Operational Research, Rome.
2. **X. Li**, Z. Lian, W. Zhou. (2012, 10-13 Dec). *A Quantity-Flexibility Contract in Two Periods with Supply Chain Coordination*, the 2012 IEEE International Conference on Industrial Engineering and

Engineering Management, Hong Kong.

3. X. Liu, Z. Lian, **X. Li**. (2012, 8-11 July). *Optimize the payout probability table in slot machines*, the 25th European Conference on Operational Research, Vilnius, Lithuania.
4. **X. Li**, Z. Lian. (2013, 6-9 Oct). *Optimal Pricing for VIP with Resource Sharing in Visible and Invisible Queue*, 2013 Informs Annual Meeting.
5. **X. Li**, P. Guo, Z. Lian. (2015, 3-4 Jan). *Pricing and Capacity Decisions for Bounded Rationality in a Service System*, the Sixth POMS-HK International Conference.
6. X. Xu, Z. Lian, **X. Li**, P. Guo. (2015, 3-4 Jan). *A Hotelling Queue Model with Probabilistic Service*, the Seventh POMS-HK International Conference.
7. Y. Chen, J. Zhang, Y. Yang, **X. Li**, Kuo, Y.H. (2014, 4-6 July) "3-Party Loan Contract Based Purchase-Order Financing." Seventh International Joint Conference on Computational Sciences & Optimization, pp. 163-167. IEEE, 2014.(EI-index)
8. **X. Li**, Z. Lian(2014, 15 Nov). *Optimal Pricing with Yield management in M/M/c*, the 2014 International Conference on Computational Intelligence and Security (CIS'2014). (EI-index)
9. T. Zhang, **X. Li**, B. Huang (2014, 14 Nov). *Distribution center's decisions in E-commerce with the consideration of delivery time*, 2014 7th International Joint Conference on Computational Sciences and Optimization. (EI-index)
10. **X. Li** (2015, 15 Nov).. *A Quantity-Flexibility Contract in Two-Stage Decision with Supply Chain Coordination*, the 11th International Conference on Computational Intelligence and Security (CIS), pp. 109-112. IEEE, 2015.(EI-index)
11. Y. Fang, Y. Chen, and **X. Li***. "Joint decision making about price and duration of discount airfares." *2017 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM)*. IEEE, 2017.
12. Y. Shi, **X. Li**, Z. Lian(2018. 14 Jul), Equilibrium location and Optimization of Two Double-sided queues Based on the Hotelling Model, *the eleventh annual international conference of Chinese Scholars Association for Management Science and Engineering (CSAMSE)*, 2018, Ningbo.
13. W. Gan, X. Li*, B. Huang, and W. Chen. "Design and Implementation of Pet Logistics Service System based on the Internet of Things." *The 1st International Symposium on Economic Development and Management Innovation (EDMI 2019)*, pp. 184-190. Atlantis Press, 2019.
14. Li, C. N., Chen, Y., Luan, H. J., Wang, L. S., Sun, L. X., Wang, T. X., & **Li, X.*** "Launch Strategies for Upgraded Products with Consideration of Selfcannibalization." *2020 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM)*. IEEE, 2020.
15. Wu, Ming, Yan Chen, and **Xin Li***. "Research on the Optimal Strategy of Delivery Packaging Recycling Under Policy Support." *2021 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM)*. IEEE, 2021.
16. Li, Kenan, **Xin Li***, and Yan Chen. "Borrowing Money Matching Model Research in the P2P Platform." *2021 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM)*. IEEE, 2021.

研究專案：

1. Service Operation Management in Sharing Economy with Strategic Customers or Boundedly Rational Customers, National Natural Science Foundation of China , 71801233 , 2019/1-2021/12, **項目主持人。(被評為優)**
2. The Impact of Reservation on Demand in a Quantity Flexibility Contract with Coordination, Faculty Research Grants, 2014-2015, **項目主持人。**
3. Fixed or Variable? On the Cancellation Penalty Scheme of A Car-Hailing Application with Strategic Customers. Faculty Research Grants, 2019-2020, **項目主持人。**
4. Co-opetition in Service Capacity and Waiting-area Entertainment. Faculty Research Grants, 2022-2023, **項目主持人。**
5. “建設江澳中醫藥人才交流培訓基地的路徑研究”廣東省社會科學院江門分院，2022, **專案主持人。**
6. “促進澳門大學生橫琴就業創業調查研究”橫琴粵澳深度合作區行政事務局, 2022，主要參與人
7. “澳門特別行政區五年發展規劃(2016-2020 年)”社會評估之問卷調查，澳門特別行政區政策研究室，2018，**專案主持人**
8. “澳門僱員家庭友善政策：文化、衝突與滿意”調查研究，2017，**項目主持人**
9. 《澳門醫療融資制度》研究，澳門特別行政區衛生局，2019，主要參與人。
10. 澳門會展業未來人才需求調研，澳門特別行政區人才發展委員會，2019，主要參與人。
11. 能源效益狀況調查，澳門能源業發展辦公室，2019，主要參與人。
12. 澳門飲食和酒店業未來人才需求調研，澳門特別行政區人才發展委員會，2018，主要參與人。
13. “社區消費無限 FUN”消費者與商戶意見調查研究，澳門特別行政區經濟局，2018，主要參與人。
14. “從行業健康發展及區域競爭角度討論博彩業（2020 至 2030 年）適度規模定量分析”研究報告，澳門特別行政區經濟局，2018，主要參與人。
15. 澳門金融和保險業未來人才需求調研，澳門特別行政區人才發展委員會，2017，主要參與人。
16. 澳門社區經濟調研，澳門特別行政區經濟局，2017，主要參與人。
17. “社區消費無限 FUN”消費者與商戶意見調查研究，澳門特別行政區經濟局，2017，主要參與人。
18. 中國銀行澳門分行自助設備和中銀卡使用情況調查研究，中國銀行澳門分行，2017，主要參與人。
19. 《中國銀行澳門分行電子管道客戶滿意度》調查研究，中國銀行澳門分行，2016，主要參與人。
20. 《澳門特別行政區住宅用電模式》先導調查研究，澳門能源業發展辦公室，2015，主要參與人。
21. 《媽閣至關閘公交快速通道方案》調查研究，澳門交通局，2015，主要參與人。
22. 《物流業務拓展可行性分析》，澳門水泥廠，2012，主要參與人。

23. 《澳門物流行業的發展報告》，澳門交通局，2012，主要參與人.
24. 《新形勢下澳門與珠三角地區貨運物流的拓展之道》，澳門付貨人協會，2009，主要參與人.