

李新



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系主任
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部門： 決策科學系

教育背景

2010-2014 哲学博士（全额奖学金）： 澳门大学/供应链管理；
2007-2010 理学硕士： 澳门大学/数学；
2003-2007 工商管理学士（全额奖学金）： 澳门科技大学/物流管理。

工作经验

2022.7-現在 決策科學系系主任/澳門科技大學
2019.7-現在 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

教学活动

本科：

供應鏈金融，供應鏈應用與政策，統計學、管理決策方法，營運管理，商業博奕論等。

碩士：

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

研究领域

綠色與可持續供應鏈，大數據，數據驅動供應鏈，智慧製造與雲製造服務，數智供應鏈，電子商務與網絡平臺運營，動態規劃，物流與供應鏈金融，共享經濟，排隊系統等。

奖项

2016/2017 年度中银学术优秀奖

2020/2021 年度澳门国际银行学术研究奖

2020/2021 学年教学杰出奖“杰出教师”奖项

2019/2020 云课堂教学杰出奖

2019/2020 学年澳门科技大学教学成果奖

2018/2019 广东省本科高校物流管理与工程类专业优秀教学成果二等奖

其他专业资格 / 奖项 / 活动

国际物流与运输协会（CILT），特许会员（Chartered Member）

澳门政治经济研究学会理事

澳门青年研究学会理事

澳门民航政策研究学会理事

澳门物流与运输协会理事

审稿期刊：*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.

期刊代表论文

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. Z. Tao, X. Li*, X. Liu, N. Feng. "Analysis of Signal Game for Supply Chain Finance (SCF) of MSEs and Banks Based on Incomplete Information Model", *Discrete Dynamics in Nature and Society*. Vol 2019. (SCI).
9. 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)
10. X. LI, Zhang Tao, and Nana Feng. "A Dual-Channel Sale System in Financially Constrained Supply Chain." *Scientific Programming* 2021 (2021): 1-10.
11. 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).
12. G.Liu, J. Chen, Z. Chen, G. Zhu, S. Lin, S. Huang, and X. Li*. "Insights on defeating coronavirus disease (COVID-19) outbreak and predicting tourist arrival on the Chinese Hainan Leisure Island during the COVID-19 pandemic." *Medicine* Vol. 100, No. 41. 2021.
13. 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)
14. K. Li, X. Li*, Z. Lin, J. Lu, and P. H. Che. "Fund Matching between Fund-Raisers and Investors in Financing Platform with Consideration of Default Risk." *Mathematical Problems in Engineering* (2021): 1-8. 2021.(SCI)
15. X. Li and Y. Li. "NEV's supply chain coordination with financial constraint and demand uncertainty." *Sustainability* Vol. 14, No. 3: 1114.2022. (SSCI).
16. X. LI, K. Li, Y. Li, Platform Operations under Dual-Channel Catering Supply Chain. *Mathematics*. 11(16):3610. 2023. (SCI)
17. 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)
18. Y. Shi, X. Li,* Optimization of a Two-Echelon Supply Chain Considering Consumer Low-Carbon Preference. *Mathematics*. 11(15):3264. 2023. (SCI)
19. Y. Shi, X. Li* and Z. Lian."Equilibrium location and Optimization of Two Double-sided queues Based on the Hotelling Model", *International Journal of Shipping and Transport*

主要工作论文

1. **X. Li**, H. Balasubramanian; C. Pang, Y. Chen*, "Revenue management of a special platform with interacting buyers on both sides." Under Review in *European Journal of Operational Research*. 2023
2. **X. Li**, Z. Lian* and Y. Shi. "Strategic Equilibrium of Service Capacity Co-opetition with Time Sensitive Customers" Under Review in *OR Spectrum*. 2023
3. **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*.

学术研讨会论文

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.

研究项目：

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, **项目主持人**.
2. The Impact of Reservation on Demand in a Quantity Flexibility Contract with Coordination, Faculty Research Grants, 2014-2015, **项目主持人**.
3. Fixed or Variable? On the Cancellation Penalty Scheme of A Car-Hailing Application with Strategic Customers. Faculty Research Grants, 2019-2020, **项目主持人**.
4. Co-opetition in Service Capacity and Waiting-area Entertainment. Faculty Research Grants, 2022-2023, **项目主持人**.
5. “建设江澳中医药人才交流培训基地的路径研究” 广东省社会科学院江门分院，2022, **项目主持人**.
6. “促进澳门大学生横琴就业创业调查研究”横琴粤澳深度合作区行政事务局，2022，主要参与人
7. “澳门特别行政区五年发展规划(2016-2020年)” 社会评估之问卷调查，澳门特别行政区政策研究室，2018， **项目主持人**
8. “澳门顾员家庭友善政策：文化、冲突与满意” 调查研究，2017， **项目主持人**
9. 《澳门医疗融资制度》研究，澳门特别行政区卫生局，2019， 主要参与人.
10. 澳门会展业未来人才需求调研，澳门特别行政区人才发展委员会，2019， 主要参与人.
11. 能源效益状况调查，澳门能源业发展办公室，2019， 主要参与人.
12. 澳门饮食和酒店业未来人才需求调研，澳门特别行政区人才发展委员会，2018， 主要参与人.

人.

13. “小区消费无限 FUN” 消费者与商户意见调查研究，澳门特别行政区经济局，2018，主要参与人.
14. “从行业健康发展及区域竞争角度讨论博彩业（2020 至 2030 年）适度规模定量分析” 研究报告，澳门特别行政区经济局，2018，主要参与人.
15. 澳门金融和保险业未来人才需求调研，澳门特别行政区人才发展委员会，2017，主要参与人.
16. 澳门小区经济调研，澳门特别行政区经济局，2017，主要参与人.
17. “小区消费无限 FUN” 消费者与商户意见调查研究，澳门特别行政区经济局，2017，主要参与人.
18. 中国银行澳门分行自助设备和中银卡使用情况调查研究，中国银行澳门分行，2017，主要参与人.
19. 《中国银行澳门分行电子渠道客户满意度》调查研究，中国银行澳门分行，2016，主要参与人.
20. 《澳门特别行政区住宅用电模式》先导调查研究，澳门能源业发展办公室，2015，主要参与人.
21. 《妈阁至关闸公交快速通道方案》调查研究，澳门交通局，2015，主要参与人.
22. 《物流业务拓展可行性分析》，澳门水泥厂，2012，主要参与人.
23. 《澳门物流行业的发展报告》，澳门交通局，2012，主要参与人.
24. 《新形势下澳门与珠三角地区货运物流的拓展之道》，澳门付货人协会，2009，主要参与人.