

# Xin LI



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## ***Teaching and Research Areas:***

Operations Management  
Supply Chain Management  
Service System  
Game Theory

## ***Academic Qualifications***

2010 -2014      Ph.D / Supply Chain / University of Macau  
2007 - 2010      Master / Mathematics / University of Macau  
2003 - 2007      Bachelor / Logistics Management / Macau University of Science and Technology

## ***Teaching Experiences***

2013 - present    Lecture / Assistant Professor/ MSB / Macau University of Science and Technology  
2011 – 2012      Part-time Instructor / FBA / University of Macau  
2012 – 2013      Part-time Lecturer / Logistics School / BNU-Zhu Hai  
2015.08          Visiting Scholar/ Department of Logistics and Maritime Studies/The Hong Kong Polytechnic University

## ***Representative Publications***

### ***Journal Articles:***

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)
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)
5. Y. Shi, X. Li, P. Fan. "Optimization of an M/M/ $\infty$  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*.

<https://doi.org/10.1016/j.ijpe.2017.08.026>. (SCI)

7. X. Li, H. Bu, Y. Li, J. He. "Evaluation and Suggestions to Banking Service System: A Case Study of a Commercial Bank in Macau." *Journal of Macau University of Science and Technology*. Vol. 9, No. 2, pp. 56-67, 2015.

#### *Under View*

1. X. Li, P. Guo, Z. Lian. "Price-Capacity Decisions and Service Sustainability with Boundedly Rational Customers." submit to *Naval Research Logistics*. (SCI) **Major Revision**
2. X. Li, Y. Wang, "Efficient Supply Contracts with Coordination for Reservation-Dependent Demand and Two Production Modes." submit to *International Journal of Production Economics*.(SCI)

#### *Academic Books / Monographs:*

##### *Book Chapters:*

1. Z. Lian, X. Li, Z. Li et al. Development of Macau Cargo and Logistics Management under New Circumstance, A book Published by *Publication Center of University of Macau*, 2010

##### *Conference Proceedings:*

1. X. Li, P. Guo, Z. Lian. (2013, 1-4 July). *Bounded Rationality in Customer-sensitive Service System*. Paper presented at 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*. Paper presented at 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*. Paper presented at 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*. Paper presented at 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*. Paper presented at 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*. Paper presented at the Seventh POMS-HK International Conference.
7. Y.Chen, J. Zhang, Y. Yang,X. Li,Kuo, Y.H. "3-Party Loan Contract Based Purchase-Order Financing." In Computational Sciences and Optimization (CSO), 2014 Seventh International Joint Conference on, pp. 163-167. IEEE, 2014.(EI-index)
8. X. Li, Z. Lian(2014, 15 Nov). *Optimal Pricing with Yield management in M/M/c*. Paper presented at the 2014 International Conference on Computational Intelligence and Security (CIS'2014). (EI-index)
9. T. Zhang, Xin Li, B. Huang (2014, 14 Nov). *Distribution center's decisions in E-commerce with the consideration of delivery time*. Paper presented at 2014 7th International Joint Conference on Computational Sciences and Optimization. (EI-index)
10. Xin Li. *A Quantity-Flexibility Contract in Two-Stage Decision with Supply Chain Coordination*. In 2015 11th International Conference on Computational Intelligence and Security (CIS), pp. 109-112. IEEE, 2015.(EI-index)

##### *Newspaper Articles:*

1. 李新, 连肇通. (2012a, 4 月 29 日). 澳门航空物流. *澳门日报*.
2. 李新, 连肇通. (2012b, 2 月 12 日). 文化產業鏈拉動協力廠商物流. *澳门日报*.
3. 李新. (2015, 12 月 2 日). 叫車平台對的士的影響與建議. *澳门日报*.

### ***Membership of Academic Associations and community service***

*Reviewer of Journals like Production and Operations Management, Sustainability.  
Informs Member*

*The Seventh POMS-HK International Conference, Organizing Committee Member,  
Section Chair*

澳门政治经济研究学会理事

澳门青年研究协会会员, 澳门新视角会员

### ***Professional Qualifications and Awards***

*2016 BOC Excellent Research Award by Macau University of Science and Technology*

*CILT Chartered Member*