

# Xiaoling Yin



Sex : Female

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## Education

2015-2019 Ph.D. in Administration Management, Lanzhou University, Lanzhou, PRC

2012-2015 M.S. in Enterprise Management, Lanzhou University, Lanzhou, PRC

2008-2012 B.A. in Accounting, Lanzhou University, Lanzhou, PRC

## Research Interests

Stochastic Modeling of Service Systems

Queueing Theory

Applied Probability

## Research Papers

1. **Xiaoling Yin**, Zhe George Zhang. On the Downs-Thomson paradox in the two-tier service systems with revenue transfer. *Journal of the Operational Research Society*. 2019. DOI: 10.1080/01605682.2018.1510750. (SCI/SSCI, ABS Grade 3)
2. Yu-Hung Chien, Zhe George Zhang, **Xiaoling Yin**. On optimal preventive-maintenance policy for generalized Polya process repairable products under free-repair. *European Journal of Operational Research*. 2019. DOI: 10.1016/j.ejor.2019.03.042. (SCI, ABS Grade 4)
3. Chin-Chih Chang, Yen-Luan Chen, **Xiaoling Yin**, Zhe George Zhang. Generalized multi-parameter preventive replacement policy for systems with random processing times. *INFOR: Information Systems and Operational Research*. 2019. DOI: 10.1080/03155986.2018.1533210. (SCI)
4. Zhe George Zhang, **Xiaoling Yin**. Hierarchical modeling of stochastic manufacturing and service systems. *Frontiers of Engineering Management*. 2017, 4(3): 295-303.
5. Jianming Bai, **Xiaoling Yin**. Upper bound of ruin probability for modern risk model with small claim condition. *Journal of Systems Engineering*. 2015, 30 (1): 86-93. (In Chinese).
6. Jianming Bai, **Xiaoling Yin**, Yun Chen. Ruin probability estimation for modern risk model with heavy-tailed claims and multiple insurance-types. *Chinese Journal of Management Science*. 2014, 22 (11): 114-121. (In Chinese).
7. Designing a sustainable two-tier public service system subject to congestion and customer' s asymmetric preference for service providers. (Working paper)
8. Pricing and capacity decisions on a sustainable two-tier service system with self-investment and customer' s asymmetric preference. (Working paper)
9. To price or not to price incremental public services subject to congestion. (Working paper)
10. Information and pricing effects in two-tier public service systems. (Working paper)

## Conferences and Projects

1. International Workshop on Recent Progress in Data, Models and Decision, July 2018, The Chinese University of Hong Kong, Shenzhen ;
2. International Symposium on Reliability and Maintenance 2018, April 2018, Beijing Jiaotong University, Beijing ;
3. International Workshop, Chengdu, 2018, Smart Logistics and Supply Chain Management, January 2018, Sichuan University, Chengdu ;
4. The 10th Academic Conference (or the 2017 Annual Conference) on Reliability of the Operations Research Society of China, April 2017, Beijing Jiaotong University, Beijing ;
5. Zhe George Zhang, Xiaoling Yin. Pricing partial public services subject to congestion: When and how much? The Ninth Annual International Conference of Chinese Scholars Association for Management Science and Engineering (CSAMSE), July 2016, University of Science and Technology of China, Hefei ;
6. 2012-2015 National Science Fund subsidized project : Research on Reliability of Insurance Risk System Based on Impact Model Method ( 71171103 ) .

## Awards and Honors

2018 Ph.D. National Scholarship  
2014 Master's National Scholarship  
2008 and 2009 National Scholarships  
First-class Academic Scholarship and Research Grants of Lanzhou University  
2012 and 2015 Excellent Graduates of Lanzhou University  
2012-2014 Excellent Graduate Student and Graduate Cadre of Lanzhou University

## Technical Skills

Languages: Chinese, English  
Software: Matlab, Mathematica, Arena, Stata, SPSS