

Yang Lu

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Education

University of Science and Technology of China 2020.09-2025.11

Ph.D. in Management Science and Engineering

Johns Hopkins University Carey Business School 2024.08-2025.07

Ph.D. with Joint Project

Nanjing University of Finance and Economics 2016.09-2020.06

B.A. in Management Science

Research Interests

Operations Management, Revenue Management and Pricing, Discrete Choice Modeling, Data-Driven Decision Making, Assortment Management, Supply Chain Management etc.

Published Papers

1. **Yang Lu**, Ruxian Wang, Xiaoming Yan, Yugang Yu (2026), Product Information Display Optimization with Quality Uncertainty and Returns, *Manufacturing & Service Operations Management*.
2. **Yang Lu**, Xiaoming Yan, Yugang Yu (2026), Multiproduct Dynamic Pricing with Popularity Bias, *Production and Operations Management*.

Working Papers

1. **Yang Lu**, Ruxian Wang, Xiaoming Yan, Sequential Utility Observation, Multi-Product Choice and Return: Modeling, Assortment, Pricing, and Estimation.
2. **Yang Lu**, Ruxian Wang, Xiaoming Yan. Social Learning on Multiproduct Dynamic Pricing and Assortment Planning.
3. Chenxu Ke, **Yang Lu**, Ruxian Wang, Xiaoming Yan, Choice, Bundling and Pricing for Cross-Category Products.
4. Chenxu Ke, **Yang Lu**, Ruxian Wang, Xiaoming Yan, Multi-Store Multi-Product Search and Choice Model.

Applications

1. **专利**: 余玉刚, **陆扬**, 言小明 (2023). 基于网络效应的多产品半短视动态定价决策方法及系统, 实质审查, CN202310102332.X.
2. **软著**: 余玉刚, **陆扬**, 言小明, 明华阳 (2025). 考虑网络效应的线上零售产品动态定价系统, 已授权, 2025SR0026016.

Conference Presentations

- Sequential Utility Observation, Multiproduct Choice and Return: Modeling, Assortment, Pricing and Estimation, POMS Annual Conference, Reno, USA, 2026, Session Organizer and Chair.
- Product Information Display Optimization with Quality Uncertainty and Returns, INFORMS Annual Meeting, Atlanta, USA, 2025.
- Product Information Display Optimization with Quality Uncertainty and Returns, POMS Annual Conference, Atlanta, USA, 2025, Session Organizer and Chair.
- Product Display Optimization with Quality Uncertainty and Return, INFORMS Annual Meeting, Seattle, USA, 2024.
- Product Display Optimization with Quality Uncertainty and Return, POMS China, Hefei, China, 2024.
- Multiproduct Dynamic Pricing with Network Effects, COSCM (The International Conference on Operations and Supply Chain Management) Conference, Tianjin, China, 2022.

Teaching Experience

- Data Analytics, Business Analytics and Risk Management (BARM) Master's Program, JHU Carey, 2024 Fall, Teaching Assistant;
- The Beauty of Data, Undergraduate Courses, USTC, 2025 Spring, Teaching Assistant;
- Modern Supply Chain Management, Academic Master's Program, USTC, 2024 Spring, 2023 Spring, Teaching Assistant;
- Advanced Dynamic Planning, Academic Master's Program, USTC, 2022 Fall, Teaching Assistant;
- Engineering Mathematics, Professional Master's Program, USTC, 2022 Spring, 2021 Spring, Teaching Assistant.