

Runyu Tang

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PROFESSIONAL EXPERIENCE	Xi'an Jiaotong University , Xi'an, China Associate Professor, School of Management	2024 - Present
	Xi'an Jiaotong University , Xi'an, China Assistant Professor, School of Management	2021 - 2024
EDUCATION	Tsinghua University , Beijing, China Ph.D. in Management Science and Engineering, School of Economics and Management Supervisor: Prof. Yong Liang	2015 - 2021
	Yale University , New Haven, CT, USA Visiting Assistant in Research, Operations Management, School of Management Supervisor: Prof. Saed Alizamir	2017 - 2018
	Beijing Jiaotong University , Beijing, China B.S. in Logistics Management, School of Economics and Management Minor in Industrial Engineering, School of Mechanical, Electronic and Control Engineering	2011 - 2015
RESEARCH PAPERS	Efficient Resource Allocation Contracts to Reduce Adverse Events. Yong Liang, Peng Sun, Runyu Tang* , Chong Zhang. <i>Operations Research</i> , 2023, 71(5):1889-1907.	
	Collaborative Vehicle-to-grid Operations in Electricity Regulation Markets. Ho-Yin Mak, Runyu Tang* . <i>Manufacturing & Service Operations Management</i> , 2024, 26(3):814-833.	
	Robust dynamic programming for Cloud Computing Resource Provisioning. Runyu Tang , Yong Liang. <i>Production and Operations Management</i> , 2026, 35(5):1804-1823.	
	Data Center Network Design for Internet-Related Services and Cloud Computing Yong Liang, Mengshi Lu, Zuo-Jun Max Shen, Runyu Tang . <i>Production and Operations Management</i> , 2021, 30(7):2077-2101.	
	As a service or a product? A comparison of electric vehicle battery supply models Xiaoyang Zhou, Bowen Pang, Runyu Tang . <i>Omega</i> , 2025, 130, 103166.	
	上医治未病：免费体检计划对老年人医疗服务与健康福利的影响 马超，赵双雨，唐润宇 《管理世界》，2023 年第 12 期，第 144-164 页。	

DIP 支付方式改革、医疗费用控制与医院短期策略性应对
马超, 杜妍蓉, 唐润宇, 徐伟, 王天宇
《世界经济》, 2022 年第 11 期, 第 177-200 页。

养老金对缓解农村居民医疗负担的作用——为何补贴收入的效果好于补贴医保
马超, 李植乐, 孙转兰, 唐润宇 *
《中国工业经济》, 2021 年第 1 期, 第 43-61 页。

WORKING PAPERS

Information vs. Temptation: Managing Live-streaming E-commerce
with Liu Yang, Laurens Debo and Shuo Huang.
Major revision at *Manufacturing & Service Operations Management*.

Spatial Flexibility of Autonomous Vehicles in Shared-Mobility
with Long He, Yong Liang, Jeannette Song.
Major revision at *Management Science*.

Be Ready for the Future? An Economic Analysis of Over-the-Air Software Upgrades
in the Automotive Industry
with Zhe Wang, Zhiling Guo and Ram Ramesh
Major revision at *Information System Research*.

Managing Hybrid Chargers in EV Stations: Pricing by kWh or Time?
with Rowan Wang, Zhongbin Wang
Major revision at *Production and Operations Management*.

Landslide Disaster Management with Drones: Smart Predict-Then-Optimize with Trans-
fer Learning
with Mingce Wang, Chao Fang, Yong Liang.
submitted.

Two-Sided Subsidies for Electric Vehicles: The Role of Regional Characteristics
with Saed Alizamir, Michael Blair.
in progress

RESEARCH INTERESTS

Topics: Supply Chain Management for Emerging Technologies, OM/Marketing Inter-
face, Platform Economy, Smart City Operations.

Methodologies: Game Theory, Data Driven Optimization, Robust Optimization,
Dynamic Mechanism Design.

TEACHING

Graduate Courses

- Data-driven Models and Optimization
- Academic Writing in Management Science
- Advanced Statistics Analysis

Undergraduate Courses

- Applied Statistics Practising
- Digital Economy: Analysis and Practice

MBA/MEM/MPAcc Courses

- Digital Economy: Analysis and Practice (MEM, MBA)
- Data, Models and Decisions (MBA)

- Financial Management and Practice (MPAcc)