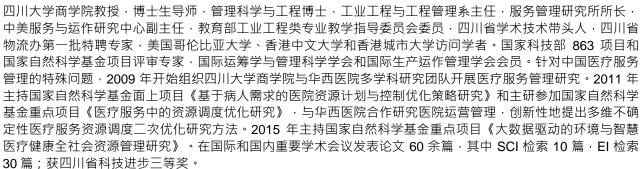
报告 22

大数据背景下考虑空气污染的呼吸系统疾病医疗资源配置优化研究 Research on Big Data Driven Optimizing of Healthcare Resources Allocation for Respiratory Diseases with Air Pollution

罗利教授 | 四川大学工业工程与工程管理系系主任





Li LUO, Professor in Business School of Sichuan University, doctoral supervisor, the director of the department of Industrial Engineering and Engineering Management and the Institute of Service Management, deputy director of the Center of China-US Services and Operations Research, the member of Industrial Engineering Specialty Teaching Guidance Committee members of the Education Ministry, Sichuan Province academic and technical leader, Sichuan Province academic and technical leader, the first Distinguished experts of the Logistics Office in Sichuan Province, the visiting scholar of Columbia University, Chinese University of Hong Kong and the City University of Hong Kong. Evaluation experts of National 863 project and National Natural Science Foundation of China (NSFC), the member of International Society for Operations Research and Management Science (INFORMS) and International Production and Operations Management Society (POMS). Her major research interests are service operations management, supply chain and logistic management and healthcare management. Aiming at specific issues of Chinese health service management, she began to organize multidisciplinary research teams in business School of Sichuan University and West China Hospital in 2009, and a series of medical service management research has been developed. She was the principal of one NSFC project, namely, a strategy research of the hospital resources planning and control optimization based on patient needs: And is a main collaborator of another NSFC project, medical services resource scheduling optimization, she created multidimensional uncertainty secondary optimization methods in health care resource scheduling. She also was the principal of the key NSFC project in 2015, namely, big data-driven health care environment and wisdom medical health society Resource Management. She has published over 60 papers on some influential academic journals, such as Anesthesia and Analgesia, IEEE Journal of Biomedical and Health Informatics, Journal of Medical Systems, Combinatorial Optimization, Management Science, Systems Engineering Theory and Practice, Chinese Journal of Management Science, Journal of Industrial Engineering and Engineering Management, Chinese Management Review etc., in which 10 papers were indexed by SCI, 30 by EI. She was also the first prize winner of Technology progress of Sichuan Province.

