

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

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讲者介绍 Biography

四川大学商学院教授·博士生导师·管理科学与工程博士·工业工程与工程管理系主任·服务管理研究所所长·中美服务与运作研究中心副主任·教育部工业工程类专业教学指导委员会委员·四川省学术技术带头人·四川省物流办第一批特聘专家·美国哥伦比亚大学、香港中文大学和香港城市大学访问学者·国家科技部 863 项目和国家自然科学基金项目评审专家·国际运筹学与管理科学学会和国际生产运作管理学会会员。针对中国医疗服务管理的特殊问题·2009 年开始组织四川大学商学院与华西医院多学科研究团队开展医疗服务管理研究·2011 年主持国家自然科学基金面上项目《基于病人需求的医院资源计划与控制优化策略研究》和主研参加国家自然科学基金重点项目《医疗服务中的资源调度优化研究》·与华西医院合作研究医院运营管理·创新性地提出多维不确定性医疗服务资源调度二次优化研究方法·2015 年主持国家自然科学基金重点项目《大数据驱动的环境与智慧医疗健康全社会资源管理研究》。在国际和国内重要学术会议发表论文 60 余篇·其中 SCI 检索 10 篇·EI 检索 30 篇；获四川省科技进步三等奖。

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.