

基本情况

姓名：王莉

职称：副教授/硕导

学历：博士研究生

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工作经历

2017.07-2022.12, 北京邮电大学, 现代邮政学院, 讲师

2023.01-至今, 北京邮电大学, 现代邮政学院, 副教授

研究方向

物流配送路径优化

不确定规划

智能计算

科研项目

- 国家自然科学基金青年科学基金项目, 71801018, 动态随机环境下电动汽车柔性配送路径优化问题研究, 2019/01-2021/12, 19万元, 已结题, 主持
- 国家重点研发计划, 2018YFB1403101(课题), 快件物流资源共享经济模型与服务模式研究, 2019/06-2022/06, 177万元, 已结题, 参加
- 国家自然科学基金面上项目, 71571018, Disruption下轨道交通应急运输组织相关问题研究, 2016/01-2019/12, 56.84万元, 已结题, 参加
- 国家自然科学基金优秀青年基金项目, 71422002, 轨道交通运营管理, 2015/01-2017/12, 100万元, 已结题, 参加

教学工作

本科生课程:

《运筹学》、《邮政与快递网络规划》、《邮政快递网络系统规划设计》

学术论文

1. **Wang Li**. A two-stage stochastic programming framework for evacuation planning in disaster responses, *Computers & Industrial Engineering*, 2020, 145: 106458.(SCI/SSCI)
2. **Wang Li**, Gao Shuai, Wang Kai, Li Tong, Li Lin, Chen Zhiyuan. Time Dependent Electric Vehicle Routing Problem with Time Windows and Path Flexibility[J]. *Journal of advanced transportation*, 2020, 2020(3):1-19.(SCI/SSCI)
3. **Wang Li**, Wang Xi, Cai Xilong. The Common Warehouse Model and Profit Distribution of the Express Industry[J]. *Algorithms*, 2021, 14(2): 50.
4. **Wang Li**, Yang Lixing*, Gao Ziyou, Huang Yeran. Robust train speed trajectory optimization: A stochastic constrained shortest path approach, *Frontiers of Engineering Management*, 2017, 4(4), 408-417.(SCI/SSCI)
5. Cheng Yu, **Wang Li**. A location model for capacitated alternative-fuel station with uncertain traffic flows[J], *Computers & Industrial Engineering*, 2020, 145: 106486. (SCI/SSCI)
6. Di Zhen, Yang Lixing, **Wang Li**, Qi Jianguo. A robust network design problem based on the spatiotemporal attributes of activities[J]. *IEEE Transactions on Intelligent Transportation Systems*, 2019, 21(10): 4294-4307.
7. Zhou Wenjuan, **Wang Li**. The Energy-Efficient Dynamic Route Planning for Electric Vehicles[J]. *Journal of Advanced Transportation*, 2019, 2019. (通讯作者)
8. **Wang Li**, Yang Lixing, Gao Ziyou. The constrained shortest path problem with stochastic correlated link travel times, *European Journal of Operational Research*, 2016, 255(1), 43-57. (SCI/SSCI)
9. **Wang Li**, Yang Lixing, Gao Ziyou, Li Shukai, Zhou Xuesong. Evacuation planning for disaster responses: a stochastic programming framework, *Transportation Research Part C: Emerging Technologies*, 2016, 69, 150- 172. (SCI/SSCI)
10. **Wang Li**, Gao Ziyou, Yang Lixing. A priori least expected time paths in fuzzy, time-variant transportation networks, *Engineering Optimization*, 2016, 48(2), 272-298. (SCI/SSCI)
11. **Wang Li**, Gao Ziyou, Yang Lixing, Criteria for the a priori shortest path generation in uncertain time-varying transportation networks, *International Journal of Uncertainty, Fuzziness & Knowledge-Based Systems*, 2015, 23(6): 807-827. (SCI/SSCI)
12. Li Fachao, **Wang Li**, Shi Yan. Generalized expected value model based on compound quantification and its application in transportation problems. *International Journal of Innovative Computing, Information and Control*, 2011, 7(6): 3303-3315. (SCI/SSCI)
13. Liu Pei, Yang Lixing, **Wang Li**, Li Shukai. A solid transportation problem with type-2 fuzzy variables, *Applied Soft Computing*, 24, 543-558, 2014. (SCI)

14. Li Fachao, Jin Chenxia, **Wang Li**. Quasi-linear stochastic programming model based on expectation and variance and its application in transportation problem. *Applied Mathematical Modeling*, 38(7-8), 1919- 1928, 2014. (SCI/SSCI)
15. Li Wenjie, Yang Lixing, **Wang Li**. Eco-reliable path finding in dynamic and stochastic networks. *Energy*, accepted. (SCI/SSCI)
16. **Wang Li**, Yang Lixing, Gao Ziyou, Huang Yeran. Robust train speed trajectory optimization: A stochastic constrained shortest path approach, *Frontiers of Engineering Management*, 2017, 4(4), 408-417.
17. Feng Yuan, **Li Wang***, Xinhong Liu. Reliable portfolio selection problem in fuzzy environment: A measure based approach[J]. *Algorithms*, 2017, 10(2), 43. (EI)
18. Li Fachao, **Wang Li**. Stochastic programming model based on compound quantification and its application in transportation problems. *Journal of Software*, 2011, 6(8): 1603- 1610. (EI 期刊)
19. 李文杰, **王莉***. 动态随机绿色可靠路径选择模型. *北京理工大学学报*, 2016, 36(S2), 63-66. (EI 期刊)
20. Zhang Yan, **Wang Li**. A new formulation for multi-modal shortest path problem with fuzzy arc travel times, *Fuzzy Systems and Knowledge Discovery (FSKD)*, 2015 12th International Conference on. IEEE, 2015: 397-401.
21. Zhao Ce, **Wang Li**. A stochastic optimization model for freight empty cars allocation in railway networks, *Computational Sciences and Optimization (CSO)*, 2014 Seventh International Joint Conference on. IEEE, 2014: 275-279.
22. Li Fachao, **Wang Li**. Quasi-linear programming model of stochastic transportation problems, 2010 6th International Conference on Wireless Communications Networking and Mobile Computing (WiCOM). IEEE, 2010: 1-4.
23. Li Fachao, **Wang Li**. Jiang Dan Dan. Stochastic transportation programming model based on effect synthesis, 2010 International Conference on Machine Learning and Cybernetics. IEEE, 2010, 4: 1893- 1898.
24. Li Fachao, **Wang Li**. Generalized expected value model for stochastic programming and its application in transportation problems, 2009 First International Conference on Information Science and Engineering. IEEE, 2009: 3796-3799.

获奖与荣誉

2023年10月，入选邮政行业科技英才推进计划

2023年10月，作为教学团队负责人，主讲的本科课程《运筹学》被评为校级本科课程思政示范课程

2022年10月，获北京邮电大学青年教师教学基本功比赛一等奖

2021年12月，获北京邮电大学“北京移动”教学创新奖

社会兼职

担任《Information Sciences》、《Computers & Industrial Engineering》期刊审稿人