

个人简介

谭志加，男，1978.09，中共党员，大连海事大学航运经济与管理学院教授、博士生导师；2010年获香港科技大学交通运输工程博士学位，2005年获复旦大学运筹学与控制论硕士学位，2000年获中国地质大学应用数学学士学位；2010年7月至2018年3月担任华中科技大学副教授，2018年4月至今就职大连海事大学，2012-2017香港科技大学（6个月）新加坡国立大学（10个月）从事博士后研究；主持国家自然科学基金项目3项，教育部、交通部项目各1项，参与国家自然科学基金重点项目子课题2项、参与国家社会科学基金重大项目子课题2项；发表学术论文30多篇，其中交通运输领域国际顶级期刊《Transportation Research Part B》和《Transportation Science》发表论文9篇，交通运输领域国际权威期刊《Transportation Research Part C、E、D》10篇，FMS高质量中文期刊T1级论文2篇；获交通运输部领导批示两次，获世界交通大会（WTC）及国际交通计算会议（CTS）优秀论文；获建党100周年交通运输部优秀党员；先后入选湖北省“楚天学者”计划（2011）、华中科技大学“华中学者”晨星计划（2016）、辽宁省“兴辽计划”青年拔尖人才（2018）、中组部第四批“万人计划”青年拔尖人才（2019）；担任国际权威期刊《Transportation Research Part E》编委，世界交通会议（WTC）水运学部水运物流管理技术委员会主席、中国系统工程学会港航分会理事，管理科学与工程学会交通运输管理研究会理事、中国交通运输青年科学委员会委员。

研究方向

- 交通运输网络建模与优化
- 水运系统建模与优化
- 交通基础设施投融资理论
- 智能交通与绿色交通

所获荣誉

- 建党100周年交通运输部优秀党员
- 国家自然科学基金青年基金项目结题后评估特优
- 2020年“关于在交叉学科门类增设综合交通运输一级学科的建议”、“加快综合交通运输体系建设，推动疫情应对策略制度化”获交通运输部领导批示
- Scrubber installation and fuel switching for inland river ships with non-identical streamflow, 2021CTS优秀论文
- Efficiency of Chinese ECA policy on the coastal emission with evasion behavior of ships, 2021WTC 优秀论文

科研项目（主持纵向）

1. 我国综合交通运输理论体系初探，交通运输部规划项目，2020.09-2021.06
2. 港口岸电设备投融资理论与政府补贴机制研究，中组部“万人计划”青年拔尖人才项目，2019.03-2022.03
3. 基于交通出行数据的可持续道路网络设计与投融资分析，国家自然科学基金面上项目 2019.01-2022.12，NSFC 71871037
4. 综合交通运输政策分析与仿真研究，辽宁省科技厅“兴辽计划”青年拔尖人才项目，2019.01-2021.12
5. 基于航道通过能力空间异质性的内河港口竞争与合作研究，国家自然科学基金面上项目 2015.01-2018.12，NSFC 71471068
6. 需求不确定条件下收费道路BOT项目柔性合同研究，国家自然科学基金青年科学基金项目 2013.01-2015.12，NSFC71201067（结题评估特优）
7. 基于Pareto改进的特许经营收费道路项目柔性合同研究，教育部高等学校博士

发表论文

1. **Zhijia Tan**, Shuai Shao, Zhixin Wang, Linghui Han, Hua Wang*, A bi-objective programming model for loading finished-vehicles in containers with adjustable brackets. *Maritime Policy & Management* 2021. (SSCI, JCRQ2)
2. **Zhijia Tan**, Haiyan Liu, Shuai Shao*, Jihong Chen, Efficiency of Chinese ECA policy on the coastal emission with evasion behavior of ships. *Ocean & Coastal Management* 2021 208 (3): 105635. (SCI, JCRQ1)
3. Min Xu, Ting Wu, **Zhijia Tan***, Electric Vehicle Fleet Size for Carsharing Services Considering On-demand Charging Strategy and Battery Degradation. *Transportation Research Part C*, 2021 127: 103146. (SCI, JCRQ1)
4. **Zhijia Tan**, Qinran Liu, Jinbo Song, Hua Wang*, Qiang Meng, Ship choice and shore-power service assessment for inland river container shipping networks. *Transportation Research Part D* 2021 94: 102805. (SCI/SSCI, JCRQ1)
5. **谭志加***, 曾宪扬, 孟强, 多式联运网络环境下的内河港口托运人选择分析, *系统工程理论与实践*2021 (接收, FMS 中文期刊T1)
6. Jiaguo, Liu* Xiaoye Wang, **Zhijia Tan***, Jihong Chen*, A tripartite evolutionary game analysis of Japan's nuclear wastewater discharge, *Ocean & Coastal Management* 2021 214 (15): 105896. (SCI, JCRQ1)
7. Shuanghong Zhang, Jihong Chen, Zheng Wan, Mingzhu Yu, Yaqing Shu, **ZhijiaTan**, JiaguoLiu, Challenges and countermeasures for international ship waste management: IMO, China, United States, and EU, *Ocean & Coastal Management* 2021. (SCI, JCRQ1)
8. **Zhijia Tan**, Min Xu*, Qiang Meng, Zhichun Li, Evacuating the metro passengers with urban bus system under uncertain disruption recovery time. *Transportation Research Part C*, 2020, 119. (SCI, JCRQ1)
9. Shukai Chen, Feng Wang, Xiaoyang Wei, Hua Wang, **Zhijia Tan**, Analysis of Tugboat Activities using AIS Data for the Tianjin Port. *Journal of the Transportation Research Board* 2020, 2674(5), pp.292-309. (SCI/SSCI)
10. Linghui Han, Chengjuan Chen, Zhiwei Wang, Huijun Sun, **Zhijia Tan**, Meng Meng, Discrete-time dynamic road congestion pricing under stochastic user optimal principle. *Transportation Research Part E*, 2019, 131, pp.24-36. (SCI/SSCI, JCRQ1)
11. **Zhijia Tan**, Yadong Wang, Qiang Meng*, Zhixue Liu, Joint ship schedule design and sailing speed optimization for a single inland shipping service with uncertain dam transit time, *Transportation Science* 2018, 52 (6), pp: 1297-1588. (SCI/SSCI, JCRQ1)
12. Yadong Wang, Qiang Meng, **Zhijia Tan**, Short-term liner shipping bunker procurement with swap contracts, *Maritime Policy & Management* 2018, 45 (2), pp: 211-238. (SCI/SSCI)
13. **Zhijia Tan ***, Qiang Meng, Fan Wang, Haibo Kuang, Strategic integration of the inland port and shipping service for the ocean carrier. *Transportation Research Part E*, 2018, 108, pp.90-109. (SCI/SCI, JCRQ1)
14. Wei Tan, Zhichun Li, **Zhijia Tan***, Modeling the Effects of Speed Limit, Acceleration, and Deceleration on Overall Delay and Traffic Emission at a Signalized Intersection. *Journal of Transportation Engineering, Part A*, 2017,143 (12). (SCI)

15. **Zhijia Tan** *, Hai Yang, Wei Tan, Zhichun Li, Pareto-improving transportation network design and ownership regimes. *Transportation Research Part B* 2016,91, pp.292-309. (SCI/SSCI, **JCRQ1**)
16. Renyong Guo, Hai Yang*, Haijun Huang, **Zhijia Tan**. Day-to-day flow dynamics and congestion control. *Transportation Science*, 2016 53 (3), pp: 783-1138. (SCI/SSCI, **JCRQ1**)
17. **Zhijia Tan***, Hai Yang, Renyong Guo. Congestion pricing with day-to-day path flow dynamics and user heterogeneity. *Transportation Research Part C*, 2015, 61, pp. 87-105. (SCI, **JCRQ1**)
18. **Zhijia Tan***, Wan Li, Xiaoning Zhang, Hai Yang. Service charge and capacity selection of an inland river port with location-dependent shipping cost and service congestion. *Transportation Research Part E*, 2015, 76, pp.13-33. (SCI/SSCI, **JCRQ1**)
19. Renyong Guo*, Hai Yang, Haijun Huang, **Zhijia Tan**. Link-based day-to-day network traffic dynamics and equilibria. *Transportation Research Part B*, 2015, 71, pp.248–260. (SCI/SSCI, **JCRQ1**)
20. Hongbo Ye, Hai Yang, **Zhijia Tan***, 2015. Learning marginal-cost pricing via a trial-and-error procedure with day-to-day flow dynamics. *Transportation Research Part B*, 2015, 81, pp.794-807. (SCI/SSCI, **JCRQ1**)
21. **Zhijia Tan**, Hai Yang*, Renyong Guo. Pareto efficiency of reliability-based traffic equilibria and risk-taking behavior of travelers. *Transportation Research Part B*, 2014, 66, 16-31. (SCI/SSCI, **JCRQ1**)
22. **Zhijia Tan***, Wei Tan. Pareto-improving toll adjustment for a build-operate-transfer toll road project with unknown demand. *European Journal of Transport and Infrastructure Research*, 2014, 14 (1), pp.66-81. (SSCI)
23. 谭志加*, 杨海, 陈琼. 收费道路Pareto 有效BOT 合同与政府补贴. *管理科学学报*, 2013, 16(3),10-20.(FMS中文期刊T1)
24. **Zhijia Tan***, Hai Yang. Flexible BOT contracts for road franchising under demand uncertainty. *Transportation Research Part B*, 2012, 46(10), 1419-1439. (SCI/SSCI, **JCRQ1**)
25. **Zhijia Tan***. Capacity and toll choice of an add-on toll road under various ownership regimes. *Transportation Research Part E*, 2012, 48(6), 1080-1092. (SCI/SSCI, **JCRQ1**)
26. **Zhijia Tan**, Hai Yang*. Impact of user heterogeneity on road franchising. *Transportation Research Part E*, 2012, 48(5), 958-975. (SCI/SSCI, **JCRQ1**)
27. Yingguo Li, **Zhijia Tan***, Qiong Chen. Dynamics of a transportation network with homogeneous and heterogeneous users. *Discrete Dynamics of Nature and Society*, 2012 (2012). (SCI/SSCI)
28. Tingsong Wang*, Qiang Meng, Shuaian Wang, **Zhijia Tan**. Fleet Deployment Optimization for Liner Shipping: A Joint Chance Constrained Programming Model. *Transportation Research Part E*, 2013, 60, pp.1-12. (SCI/SSCI, **JCRQ1**)
29. Wei Mao, Feifei Qin, Yihong Hu, **Zhijia Tan**. Joint Implementation of Signal Control and Congestion Pricing in Transportation Network. *Journal of Applied Mathematics*, 2013. (SCI/SSCI)
30. **Zhijia Tan**, Hai Yang*, Xiaolei Guo. Pareto efficient contracts and regulations for road franchising. *Transportation Research Part B*, 2010, 44(4), 415-433. (SCI/SSCI, **JCRQ1**)
31. Agachai Sumalee*, **Zhijia Tan**, HK Willam Lam. Dynamic stochastic transit

- Assignment with explicit seat allocation model. *Transportation Research Part B*, 2009, 43(8-9), 895-912 (SCI/SSCI, JCRQ1).
32. **Zhijia Tan**, HK William Lam*, Zhichun Li, Agachai. Sumalee. Modeling the effects of multi-model traveler information systems, *Journal of the East Asian Society of Transportation Studies*, 2007, 7.
 33. Zhijia Tan, Hai Yang*, Xiaolei Guo. Build-Operate-Transfer schemes for road franchising with deterioration and maintenance effects, *Transportation and Traffic Theory. Springer*. 2009, 241-261. (交通理论顶级会议ISTTT).
 34. 谭志加*. 带 p -可积控制的线性时变控制系统的能达集(英文), *复旦大学学报*, 2006, 4.