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Address: Zheda Road, Dinghai District, Zhoushan, Zhejiang, China.

Education 教育背景

- 2019.03-2023.04 Ph.D. in Economics
University of Hamburg, Hamburg, Germany
Thesis: Essays on China-Europe transport network analysis
Advisors: Prof. Dr. Qing Liu; Prof. Dr. Knut Haase
Research Area: Analysis of shipping network
- 2015.09-2017.06 Master of Engineering in Logistics Engineering (Test Waiver Admission)
Shanghai Maritime University, Shanghai, China
Thesis: Research on Automation Strategies and Operation Optimization Problems in Constrainer Yard
Advisors: Prof. Yi Ding; Prof. Guolong Lin
Research Area: Optimization of port operation
- 2011.09-2015.06 Bachelor of Engineering in Logistics Engineering
Changsha University of Science & Technology, Hunan, China

Employment 工作经历

- 2023.10-Now *Post Doctor, Maritime Logistics and Free Trade Islands Research Center, Zhejiang University, Zhejiang, China*
work with Prof. Kevin X. Li
- 2019.03-2022.03 *Research Associate, Maritime Economics Research Center, University of Hamburg, Hamburg, Germany*
- 2017.07-2019.02 *Logistics System Planning Engineer, Geely Auto, Zhejiang, China*

Publications 学术成果

- [1] Liu, Q., Yang, Y*, Li, K. X., Luo, M., & Xie, C. (2024). Liner shipping network vulnerability to component disruptions: A China-Europe container flow analysis. *Transportation Research Part D: Transport and Environment*, 131, 104232. (SSCI, SCIE, Q1, IF: 7.9)
- [2] Ding, Y., Yang, Y*, Heilig, L., Lalla-Ruiz, E., & Voss, S. (2021). Deployment and retrofit strategy for rubber-tyred gantry cranes considering carbon emissions. *Computers & Industrial Engineering*, 161(August), 107645. (SCIE, Q1, IF: 7.9)
- [2] Yang, Y., Liu, Q., & Chang, C.-H. (2023). China-Europe freight transportation under the first wave of COVID-19 pandemic and government restriction measures. *Research in Transportation Economics*, 97, 101251. (SSCI, Q1, IF: 3.8)
- [4] Liu, Q., Yang, Y., Ng, A.K.Y., Jiang, C., 2023. An analysis on the resilience of the European port network. *Transportation Research Part A: Policy and Practice* 175, 103778. (SSCI, SCIE, Q1, IF: 6.4)

[5] Liu, Q., **Yang, Y.**, Ke, L., & Ng, A. K. Y. (2022). Structures of port connectivity, competition, and shipping networks in Europe. *Journal of Transport Geography*, 102(May), 103360. (SSCI, Q1, IF: 6.1)

[6] Ding, Y., **Yang, Y.**, Sha, M., Lin, G. Integrated methodology for scheduling of yard cranes and internal trucks in a container terminal. *Computer Integrated Manufacturing Systems*, 2017, 23(4):892-902. (EI, in Chinese)

[7] Ding, Y., Chen, K., Wei, X., & **Yang, Y.** (2022). A novel cost-management system for container terminals using a time-driven Activity-Based Costing approach. *Ocean & Coastal Management*, 217, 106011. (SCIE, Q1, IF: 4.6)

[8] Ding, Y., Wei, X. J., **Yang, Y.**, & Gu, T. Y. (2017). Decision support based automatic container sequencing system using heuristic rules. *Cluster Computing*, 20(1), 239–252. (SCIE, Q1, IF: 4.4)

Projects 科研课题

Time	Title	Amount	Source	Responsibility
2025-2027	Research on the Enhancement of Container Maritime Transport Resilience under Severe Emergency 重大突发事件情境下集装箱海上运输韧性提升路径研究	CNY 80,000	Ministry of Education Humanities and Social Sciences Research Youth Fund 教育部教育部人文社会科学研究一般项目青年基金项目 [24YJCZH384]	Principal Investigator, PI 项目主持人
2023-2025	/	CNY 120,000/year 2 years	Postdoctoral Fellowship Program of CPSF 国家资助博士后研究人员计划	Principal Investigator, PI 项目主持人
2023-2025	Data-driven Research on Resilience Assessment and Enhancement Strategies for Maritime Shipping Network 数据驱动下的港航运输网络韧性评估与提升策略研究	CNY 50,000	Postdoctoral Research Projects in Zhejiang Province Funded on Merit 浙江省博士后科研项目择优资助	Principal Investigator, PI 项目主持人
2024-2025	Research on Zhoushan Intermodal Service Centre to Serve the Construction of a National Bulk Commodity Storage and Transportation Base 舟山江海联运服务中心服务国家大宗商品储运基地建设研究项目	CNY 278,000	Zhoushan Port and Shipping Industry Development Centre 舟山市港航事业发展中心	Participant 项目参与者
2020.07-2020.12	Impact of Covid-19 Pandemic on Container Shipping and Post-Covid-19 Outlook for Europe-China Container Trade	EUR 10,000	Transfer@UHH: Sonderformat "Mehr Weitblick nach der Coronavirus-Krise", BWFG / BMBF [U7811EXU2007]	Participant 项目参与者

Teaching 教学经历

Zhejiang University Maritime policy and management (Spring and Summer Semester, 2023/24, International graduate students) Co-teaching with Prof. Yi Xiao and Dr. Yao Xiao

Conference 学术会议

Organization & Service 会议组织与服务

Time	Event	Role
2024-Now	Global Maritime Logistics Seminar 国际海洋物流研讨会 (Zhejiang University)	Co-Organizer (Assisted Prof. Paul Tae-Woo Lee)
2024	The 6th International Conference of The Yangtze River Research and Innovation Belt (Y-RIB) in collaboration with UNESCAP (Zhoushan, Zhejiang, China)	Local Organizing Committee Member

Presentations 参与会议

Time	Title	Event (Location)
2024	Liner shipping network vulnerability to component disruptions: A China-Europe container flow analysis	The 6th International Conference of The Yangtze River Research and Innovation Belt (Y-RIB) in collaboration with UNESCAP (Zhoushan, Zhejiang, China)
2022	Shipping network vulnerability to port disruption: A China-Europe container flow analysis	The East China Sea Doctoral Student Forum, held online (Zhoushan, Zhejiang, China)
2020	Impacts of Belt and Road initiative on transportation route competition from China to Europe	the Annual Conference of the International Association of Maritime Economists, held online (Hong Kong, China)

Research Experience 研究经历

Peer reviewer 期刊审稿

2022-Now *Computers & Industrial Engineering; Transportation Research Part E: Logistics and Transportation Review; Maritime Policy & Management and etc.*

Projects 科研项目

2019-2022 *Research Associate, University of Hamburg, Prof. Dr. Qing Liu*

- Port competitiveness comparison of Piraeus and Hamburg with impact of Belt and Road Initiative
- European Port Connectivity and Challenge of Piraeus: a new horizon under influence of China?

2015-2017 *Research Associate, Shanghai Maritime University, Prof. Yi Ding*

- National Natural Science Foundation of China: Research on cost control of multi-stage logistics system in container port.
- National Natural Science Foundation of China: Study on operation coupling coordination model of loading and unloading equipment system in large container port.
- Shanghai Science and Technology Commission Project: Intelligent decision-making and key technology research of automated terminal production

- Shanghai International Port SIPG: Container terminal big data control and decision support system

Awards 获奖

2020

First prize of *Scientific and Technological Progress Award* issued by *China Federation of Logistics & Purchasing* (No. CFLP2020-02-01-16-06)

中国物流与采购联合会科技进步一等奖 (证书号: CFLP2020-02-01-16-06)

- Project: Research on cost control of multi-stage logistics system in container port
项目: 集装箱港口多阶物流系统成本控制研究