Yang Yang

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

Education

2019.03-2023.04 Ph.D. in Business Administration

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

Advisors: Prof. WuSheng Liu

Employment

2023.10-Now *Post Doctor, Maritime Logistics and Free Trade Islands Research Center, Zhejiang University, Zhejiang, China*

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*

Research Experience

Peer reviewer

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

Projects

2020.07-2020.12 Transfer@UHH: Sonderformat "Mehr Weitblick nach der Coronavirus-Krise", BWFG / BMBF [U7811EXU2007] *Participant* (10000 Euro)

Impact of Covid-19 Pandemic on Container Shipping and Post-Covid-19 Outlook for Europe-China Container Trade

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

2020 First prize of *Scientific and Technological Progress Award* issued by *China Federation of Logistics & Purchasing* (No. CFLP2020-02-01-16-06)

- Project: Research on cost control of multi-stage logistics system in container port

Publications

[1] **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. https://doi.org/10.1016/j.retrec.2022.101251 *(SSCI, Q1, IF: 3.8)*

[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. https://doi.org/10.1016/j.cie.2021.107645 *(SCIE, Q1, IF: 7.9)*

[3] 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. https://doi.org/10.1016/j.tra.2023.103778 *(SSCI, Q1, IF: 6.4)*

[4] 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. https://doi.org/10.1016/j.jtrangeo.2022.103360 *(SSCI, Q1, IF: 6.1)*

[5] 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)

[6] 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. https://doi.org/10.1016/j.ocecoaman.2021.106011 *(SCIE, Q1, IF: 4.6)*

[7] 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. https://doi.org/10.1007/s10586-016-0678-2 *(SCIE, Q1, IF: 4.4)*

Conference Presentations

Time	Title	Event（Location）
2022	Shipping network vulnerability to port disruption: A China-Europe container flow analysis	The East China Sea Doctoral Student Forum, held online (Zhejiang, Zhoushan)
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)