

SRC Newsletter

July 2022



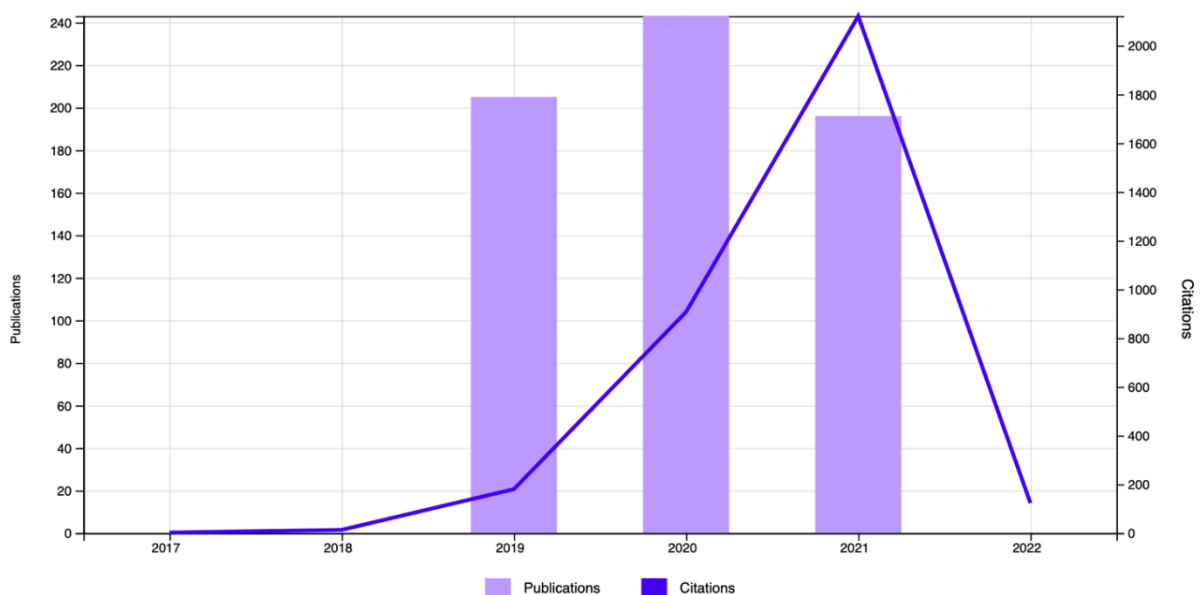
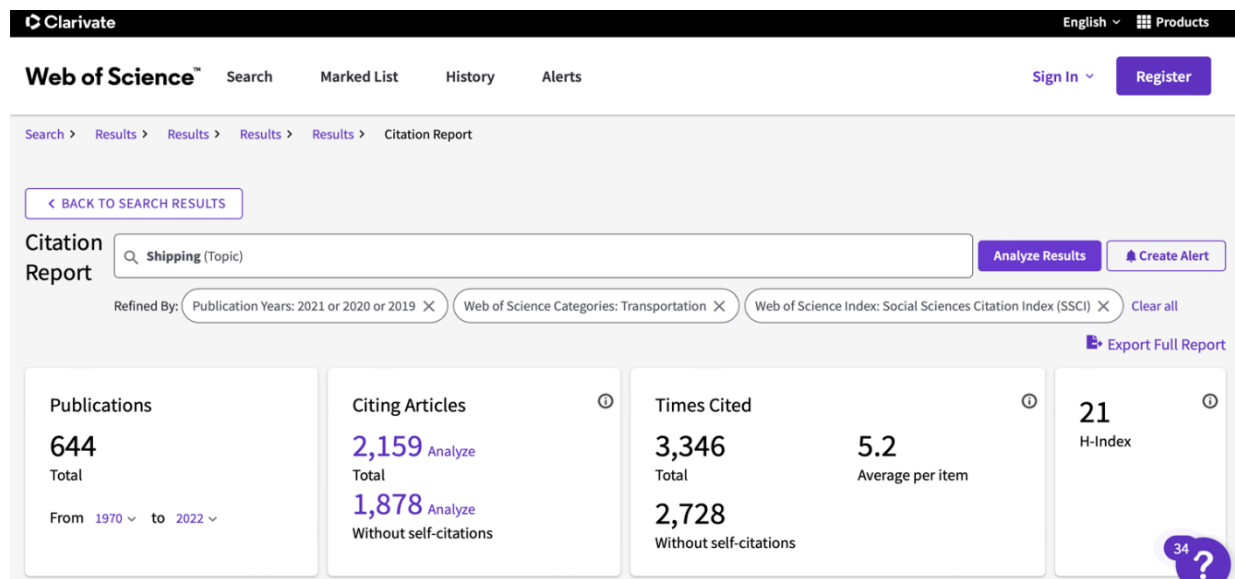
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Shipping Research Ranking

Researchers at PolyU have made outstanding contributions to shipping research. According to Clarivate Analytics' ISI Web of Science, PolyU tops the list among the world's leading shipping schools in shipping research, in terms of published papers in SSCI-indexed journals over the past three years.

The report shows that a total of 644 shipping articles were published in the Transportation category during 2019-2021, among which 64 papers were contributed by PolyU's colleagues. PolyU came first in the world ranking.



For details, please click [HERE](#).

Journal of Shipping and Trade

JST is an open access academic journal that focuses on both shipping business and transport-related areas. Recent published papers include:

Nguyen, G. T. H., Ruzaeva, D., Góez, J. C., & Guajardo, M. (2022). Insights on the introduction of autonomous vessels to liner shipping networks. *Journal of Shipping and Trade*, 7(12).

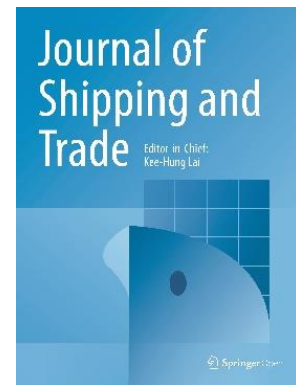
<https://doi.org/10.1186/s41072-022-00113-w>

Gavalas, D., Syriopoulos, T., & Roumpis, E. (2022). Digital adoption and efficiency in the maritime industry. *Journal of Shipping and Trade*, 7(11).

<https://doi.org/10.1186/s41072-022-00111-y>

JST is currently indexed in:

- Google Scholar
- DOAJ
- EBSCO Discovery Service
- OCLC WorldCat Discovery Service
- Transport Research International Documentation (TRID)
- ProQuest-ExLibris Summon
- ProQuest-ExLibris Primo
- Institute of Scientific and Technical Information of China
- Naver



JST – Media Sponsor

JST is media sponsor for two conferences:

- Sustainable Ocean Summit (SOS) 17-18 October 2022, Barcelona, Spain
- Global Blue Finance Summit (BlueFIN) 19 October 2022, Barcelona, Spain

JST – Theme Issues

- World of Shipping Portugal 2022 – (March, 2022 Portugal)
- The European Aviation Conference and the associated Aviation Management and Economics Conference (30th November-1st December, 2022, Heilbronn, Germany)

International Journal of Shipping and Transport Logistics (IJSTL)

Based on Editor's pick, IJSTL publishes one open-access paper per issue since 2021 with sponsorship provided by SRC.



Recent open-access papers published include:

Cheong, I., Yoo, J. H., Hong, K., & Lee, P. T. W. (2022). Impact of the COVID-19 pandemic on global value chain and implications for the Belt and Road Initiative. *International Journal of Shipping and Transport Logistics*, 14(4), 371-394.

DOI: 10.1504/IJSTL.2022.123717

Fiskin, C. S., Turgut, O., Westgaard, S., & Cerit, A. G. (2022). Time series forecasting of domestic shipping market: comparison of SARIMAX, ANN-based models and SARIMAX-ANN hybrid model. *International Journal of Shipping and Transport Logistics*, 14(3), 193-221.

DOI: 10.1504/IJSTL.2022.122409

Research Outputs

Dr Dong Yang, Deputy Director of SRC, has two publications under the affiliation of SRC in 2022:

Yang, D., Li, L., & Notteboom, T. (2022). Chinese investment in overseas container terminals: The role of investor attributes in achieving a higher port competitiveness. *Transport Policy*, 118, 112-122.

Souza, F., Yang, D., Moreira, A., Barreto, L., & Pitombo, C. (2022). Assessment of container terminals competitiveness in the Brazilian market: a cluster analysis. *Maritime Policy & Management*, 1-19.

Industry Donation

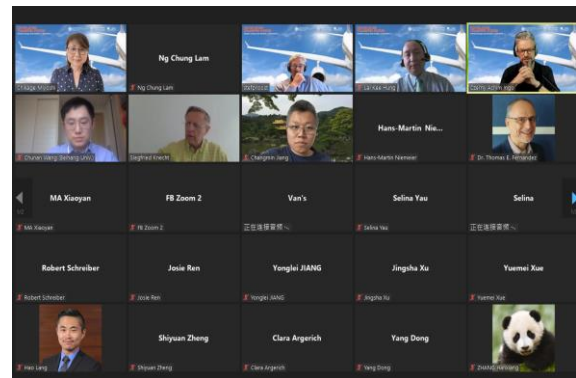
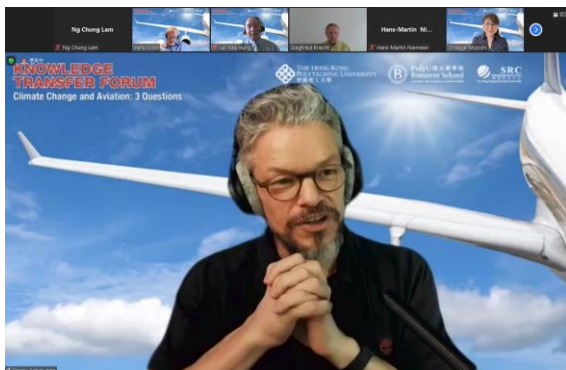
Due to the donation of HK\$86,140 by China Merchants Energy Shipping for support of the Journal of Shipping and Trade in 2020-21, the Shipping Research Centre receives 50% matching grant of HK\$43,070 from the Research Grant Council of Hong Kong in June 2022 to grant waivers for papers to publish in the journal.

Research Funding

Dr Dong Yang and his team members from The Hong Kong Polytechnic University are rewarded from Marine Department as the project director on “Provision of Services for Assessment of Typhoon Shelter Space Requirements”.

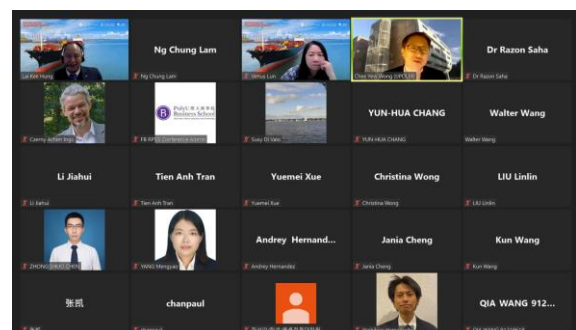
Knowledge Transfer Forum on Climate Change and Aviation: 3 Questions

Being the seventh event of the shipping webinar series organized by SRC, the Knowledge Transfer Forum on Climate Change and Aviation: 3 Questions was held online on 20 April 2022. Five distinguished speakers, Ms Siegfried KNECHT, Dr Chikage MIYOSHI, Prof. Stef PROOST, Dr Chunan WANG, Dr Achim CZERNY, were invited to present their recent studies concerning climate change and aviation.



Knowledge Transfer Forum on Publishing Shipping and Logistics Research

Being the sixth event of the shipping webinar series organized by SRC, the Knowledge Transfer Forum on Publishing Shipping and Logistics Research was held online on 12 January 2022. Three distinguished speakers, Prof. Hercules HARALAMBIDES, Dr. Venus LUN, and Prof. Chee Yew WONG, were invited to present their recent studies concerning publishing research paper related to shipping and logistics.



Special Session in International Forum on Shipping, Ports and Airports (IFSPA)

Prof. Kee-hung Lai, Dr. Dong Yang and their students in SRC have organized and participated a special session on sustainable development of port system and shipping clusters in IFSPA. This session discusses new research on contemporary development regarding maritime logistics, including port system evolution, shipping cluster analysis, sustainable technologies investment in shipping and etc.

- Dr. Dong Yang, Felipe Souza, Aluisio Moreira, Leandro Barreto and Cira Pitombo shared a research topic on Assessment of Container Terminals Competitiveness in The Brazilian Market: A Cluster Analysis
- Dr. Dong Yang, Lu Li and Yuxu Lu shared a research topic on Computer Visualization-based Estimation on Unit Shelter Space for Recreational Vessels
- Prof. Kee-hung Lai, Dr. Dong Yang, Dr. YH Venus Lun and Xiaoxin Huang shared a research topic on Container Port System Evolution in the Great Bay Area Using Ship Data-Based Analysis
- Dr. Dong Yang, Yuxu Lu and Lu Li shared a research topic on All in One Enhancer: Toward Real-Time Maritime Low-Visibility Scene Recovery

Container port system evolution in the Great Bay Area: Functional differentiation

Ms Xiaoxin HUANG
The Department of Logistics and Maritime Studies
The Hong Kong Polytechnic University
19 May 2022

Introduction

Background

- The ongoing globalization and intensified port competition
- The significance of port system evolution research
- The observation of port functional differentiation in other bay areas and factors influencing port functions

Research gaps

- There are few port system evolution studies using ship traffic characterization from the perspective of different shipping services.
- Existing port system evolution studies have limited data sources.
- There are few port system evolution studies characterizing ship traffic with AIS data.
- Existing ship traffic characteristics are improper for exploring port functions.

Shipping Finance 2022

Shipping Finance 2022 was successfully held in Athens from March 3 to 4, 2022. Prof. Kee-hung Lai was invited to participate in a Panel Discussion called “Reversing the Black Swans of Disruption – Lessons Learned”. As a panelist, he presented his views on supply chain disruptions, particularly in the area of port logistics.

BMSTC Net-Zero Conference

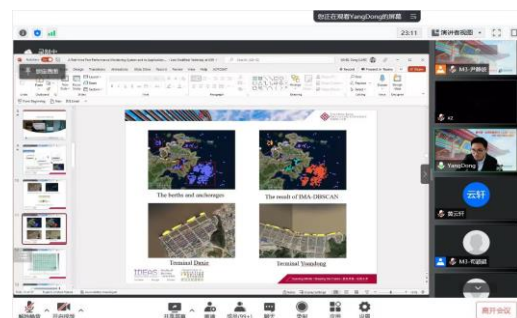
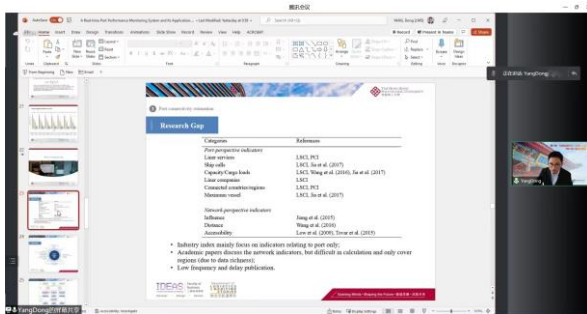
Prof. Kee-hung Lai was invited to participate the panel Transforming Trade and Freight which took place on March 30, for the Cell Press and Beijing Municipal Science & Technology Commission (BMSTC) Net-zero and Beyond conference. This panel considered China's growing and future role in global trade and discussed feasible solutions to facilitate the net-zero transition of the trade, global supply chains, and transportation in China and beyond.

Interview by NBC News

Prof. Kee-hung Lai was invited by NBC News to conduct an interview on 21 April 2022. The interview was about the impacts of the lockdowns in Shanghai due to Covid-19 on the global supply chain and customers in the United States.

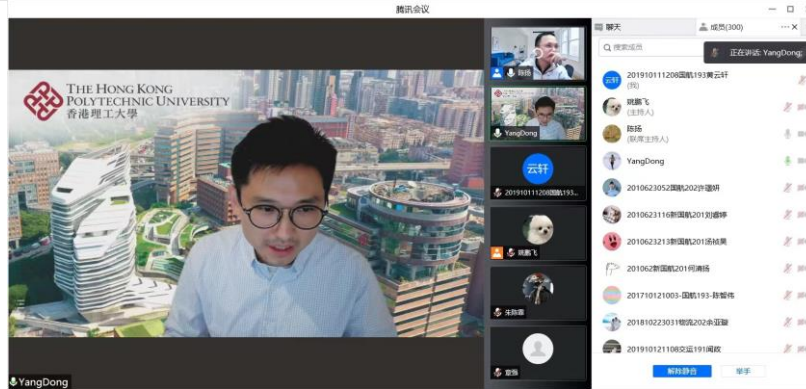
The 10th Transportation Research (Shanghai) Forum

The 10th Transportation Research (Shanghai) Forum was successfully held on 26 March 2022. The theme of the forum was " Smart Green Driven Integrated Transport", which aimed to build a platform for academics in the field of integrated transport and cross-discipline to collaborate and share their cutting-edge innovative ideas and research achievements. Dr. Dong Yang shared "A Data-driven Port Performance Monitoring System and Its Application" in the session on big data in shipping.



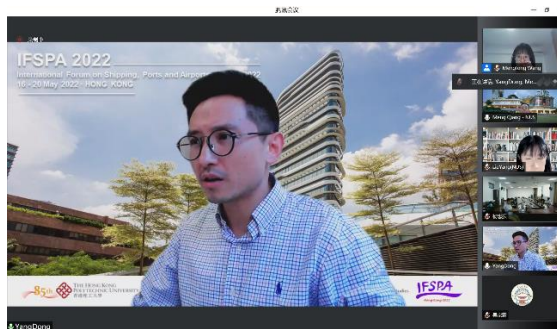
Shipping Frontier Series

Being one of the shipping frontier series organized by Shanghai Maritime University, an online workshop on digital ports and shipping was successfully held on April, Dr. Dong Yang was invited as a guest speaker to share in the field of digital port and shipping.



Chongqing Connectivity Initiative – International Land-Sea Trade Corridor (CCI-ILSTC) Workshop 2022

A forum on Chongqing Connectivity Initiative – International Land-Sea Trade Corridor (CCI-ILSTC) Workshop 2022 was successfully held on June, Dr. Dong Yang was invited by department of civil & environmental engineering, National University of Singapore Chongqing Port Logistics and Shipping Development Research Centre as a guest speaker to share One Belt one Road, but several routes: A case study of new emerging trade corridors connecting the Far East to Europe.



Forthcoming Events

SRC will organize a series of shipping webinar on quarterly basis to promote best practices in shipping, strengthen the theoretical base of decision-making in shipping and logistics, and serve as a knowledge transfer forum for the shipping and logistics profession.

Schedule:

- July 2022 - 8th Webinar: Port Resilience and Sustainability
- November 2022 - 9th Webinar: Smart Port

Topics:

- 1st Webinar: Port coordination in greater bay area (25 November 2020)

- 2nd Webinar: Publishing logistics and transport research (13 January 2021)
- 3rd Webinar: COVID-19 and shipping industry (20 April 2021)
- 4th Webinar: Decarbonisation in maritime transport (21 July 2021)
- 5th Webinar: Contemporary Issues of Port Management (03 November 2021)
- 6th Webinar: Publishing Shipping and Logistics Research (12 January 2022)
- 7th Webinar: Climate Change and Aviation: 3 Questions (20 April 2022)