

SRC Newsletter

January 2023



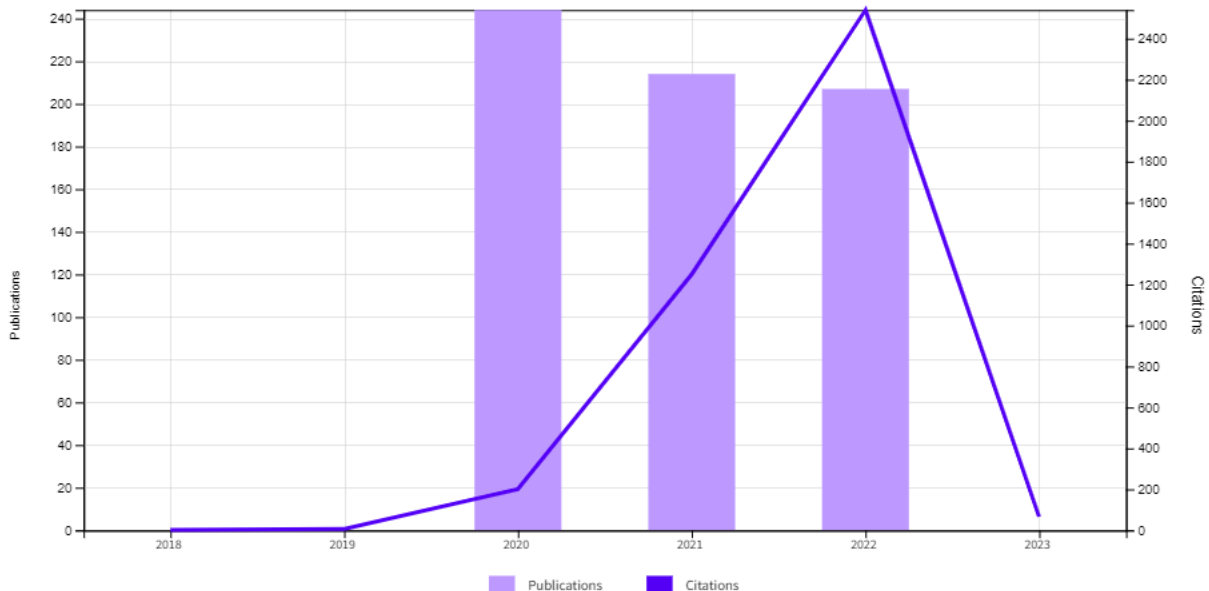
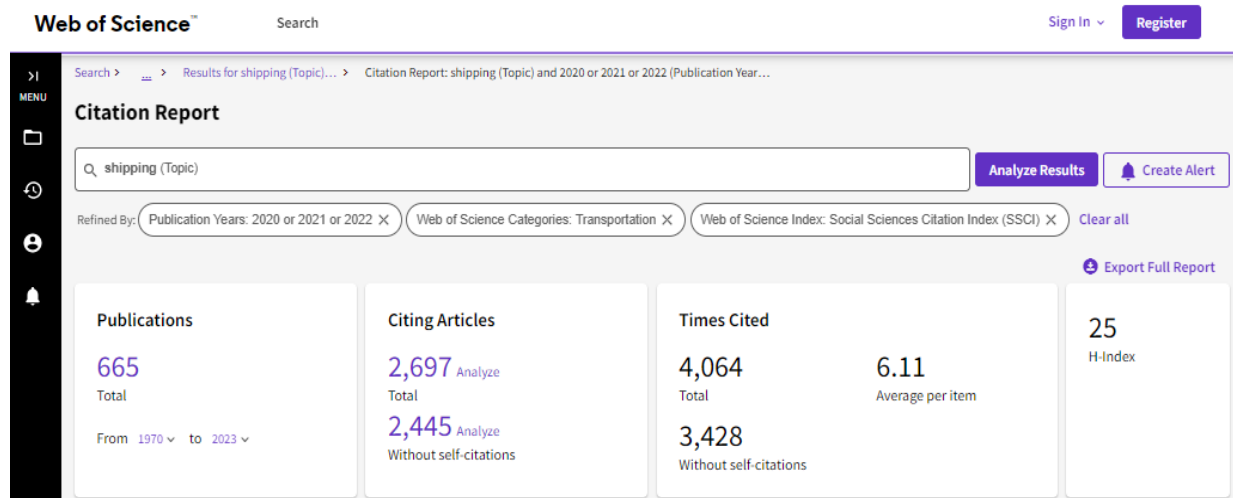
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Shipping Research Ranking

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.

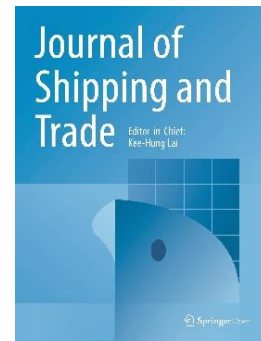
The report shows that a total of 665 shipping articles were published in the Transportation category during 2020-2022, among which 73 papers were contributed by PolyU's colleagues. PolyU came first in the world ranking.



For details, please click <https://www.polyu.edu.hk/lms/research/research-rankings/top-shipping-school-research-rankings/>

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:



Recent published papers include:

Plomaritou, E., & Jeropoulos, S. (2022). [The digitalisation in chartering business: special reference to the role of e-bill of lading in the bulk and liner markets.](#) *Journal of Shipping and Trade*, 7(28).

<https://doi.org/10.1186/s41072-022-00129-2>

Paraskevadakis, D., & Ifeoluwa, A. (2022). [An industry-level analysis of the post-Brexit and post-Covid 19 Ro-Ro ferry market and critical maritime freight transport links between the UK and the EU.](#) *Journal of Shipping and Trade*, 7(27).

<https://doi.org/10.1186/s41072-022-00127-4>

International Journal of Shipping and Transport Logistics (IJSTL)

Last year, IJSTL published a total of six open-access papers in 2022. IJSTL will publish eight open-access papers in 2023 with sponsorship provided by SRC.



Recent open-access papers include:

Jiang, M., & Lu, J. (2022). [A novel risk assessment approach for strait/canal security evaluation along the 21st Century Maritime Silk Road.](#) *International Journal of Shipping and Transport Logistics*, 15(3-4), 215-238.

DOI: 10.1504/IJSTL.2022.126924

Lai, P. L., Kao, J. C., Yang, C. C., & Zhu, X. (2022). [Evaluating the guanxi and supply chain collaborative transportation management in manufacturing industries.](#) *International Journal of Shipping and Transport Logistics*, 15(3-4), 435-458.

DOI: 10.1504/IJSTL.2022.10046023

Research Outputs

SRC members have seven publications under the affiliation of SRC from July 2022 to January 2023:

Li, G., Liu, M., Zhang, X., Wang, C., Lai, K. H., & Qian, W. (2022). Semantic recognition of ship motion patterns entering and leaving port based on topic model. *Journal of Marine Science and Engineering*, 10(12), 2012.

Xue, Y., Ding, L., & Lai, K. H. (2022). Designing subsidy scheme for marine disaster index insurance in China. *Journal of Marine Science and Engineering*, 10(10), 1552.

Xue, Y., Ding, L., & Lai, K. H. (2023). How does index-based insurance support marine disaster risk reduction in China? Evolution, challenges and policy responses. *Ocean & Coastal Management*, 235, 106477.

Xue, Y., & Lai, K. H. (2023). Responsible shipping for sustainable development: Adoption and performance value. *Transport Policy*, 130, 89-99.

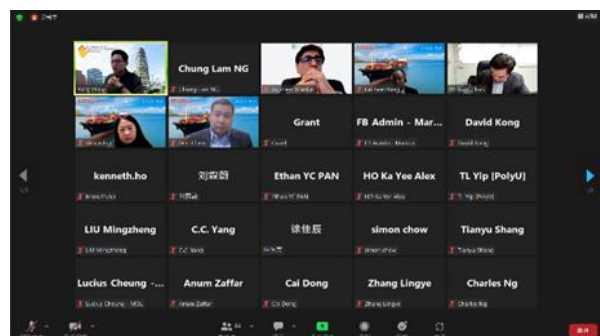
Tong, X., Lai, K. H., Lo, C. K., & Cheng, T. C. E. (2022). Supply chain security certification and operational performance: The role of upstream complexity. *International Journal of Production Economics*, 247, 108433.

Vukić, L., & Lai, K. H. (2022). Acute port congestion and emissions exceedances as an impact of COVID-19 outcome: the case of San Pedro Bay ports. *Journal of Shipping and Trade*, 7(25).

Yang, D., Li, C., Li, L., Lai, K. H., & Lun, V. Y. (2022). Maritime cluster relatedness and policy implications. *Transport Policy*, 128, 76-88.

Knowledge Transfer Forum on Smart Port Logistics

Being the ninth event of the shipping webinar series organized by SRC, the Knowledge Transfer Forum on Smart Port Logistics was held online on 23 November 2022. Four distinguished speakers, Dr Venus LUN, Mr Jagmeet MAKKAR, Mr William CHAN, and Mr Don CHEN were invited to present their recent studies and comments concerning smart port logistics.



Knowledge Transfer Forum on Port Resilience and Sustainability

Being the eighth event of the shipping webinar series organized by SRC, the Knowledge Transfer Forum on Port Resilience and Sustainability was held online on 27 July 2022. Three distinguished speakers, Shiyuan ZHENG, Kun WANG, and Lei DAI, were invited to present their recent studies concerning port resilience and sustainability.



Sharing on shipping and logistics research

Being one of the regular academic lecture series organized by Tongji University, an online academic lecture on Sharing on Shipping and Logistics Research was successfully held on 7 September 2022. Prof. Kee-hung Lai was invited to share on two parts. The first part introduces the International Journal of Shipping and Transport Logistics and the Journal of Shipping and Trade to share the information and developments of these two scholarly journals. The second part shares the topic on green transition in China's logistics industry with academic and managerial insights.



Blue Book of China's Marine Economy (2022)

SRC members, Prof. Kee-hung LAI, Dr. Dong YANG, Dr. Yuemei XUE, and Ms. Xiaoxin HUANG, were invited to participate in writing one chapter of the Blue Book of China's Marine Economy (2022). This book takes General Secretary Xi Jinping's critical exposition on establishing maritime power as the fundamental guidance, brings the ocean as a starting point of strategic location for high-quality development, and focuses on explaining the annual situation and significant issues of marine economic development.

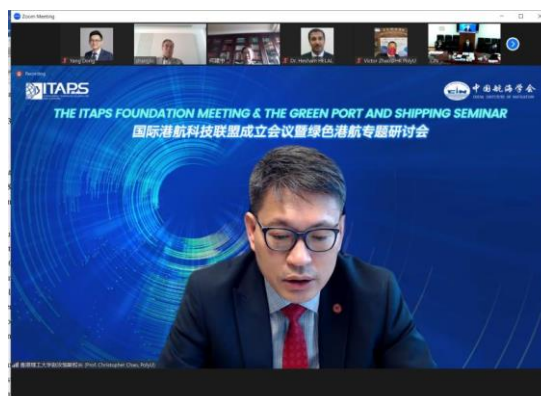
Cross-Strait and Hong Kong & Macao Shipping Industry Cooperative Development Forum

A forum on Cross-Strait and Hong Kong & Macao Shipping Industry Cooperative Development was successfully held on 15 November. Dr. Dong YANG introduced the Hong Kong Polytechnic University on the topic of “Data-Driven Real-time Port Performance Monitoring System and Its Application”. With the support of China Association for Science and Technology, this forum is co-hosted by China Institute of Navigation, the Association of Marine Affairs, the Hong Kong Polytechnic University, and Macao University of Science and Technology.



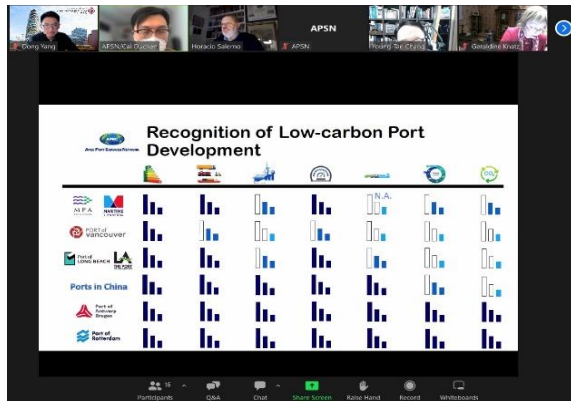
The International Technology Alliance for Port & Shipping Foundation Ceremony

The International Technology Alliance for Port & Shipping Foundation Ceremony was successfully held on 10 December 2022. Professor Christopher CHAO, Vice President of the Hong Kong Polytechnic University, was invited to give a keynote speech. Dr. Dong YANG, as a representative, from SRC also participated in the Ceremony. To promote cooperation, exchange and sharing of port and shipping science and technology research and development between countries and regions, as well as build an international scientific and technological cooperation and exchange platform, the China Institute of Navigation and relevant units in the field of ports and shipping jointly initiated the establishment of the International Port and Shipping Science and Technology Alliance.



Recognition of Low-carbon Port Development Seminar

Dr. Dong YANG was invited to participate in and reviewed the project report on Recognition of Low-carbon Port Development Seminar on 15 December. CAI Ouchen, deputy Director of APEC Port Study Center, held the meeting and reported the research results on The Recognition of the Low-carbon Port and the Framework for its Evaluation in the Asia-Pacific Region.



Forthcoming Events

SRC will organize a series of shipping forum and activities 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:

February 2023 – 10th Webinar: Aviation logistics

SRC plan to revitalize The Shipping and Trade Alliance for Research (STAR) network in 2024.

SRC will publish the second edition of the book on Shipping and Logistics Management in April 2023.