Trade Logistics: A Bibliographic Review

Ashishkumar Bhatt*, Bijal Zaveri**, Divyang Joshi*** and Dhwani Bhavsar***

ABSTRACT

International trade and its supporting factors become the backbone of a country's economic wellbeing which leads to tremendous research in the field of international trade. In this paper we study trade logistics with the objective to understand the past, present and future scenario for further research. Study used bibliographic bibliometric and network analysis of 329 documents on trade logistics. Bibliographic, co-citation and co-occurrence of reference journals, journals and conference proceedings considered. Study found focused on cost, perforce, competitiveness, sustainability and facilitation while ICT, Information, global connectivity, global infra projects and logistics policy as scope of future research. Study suggested research areas for future research.

Keywords: Trade Logistics; Review paper; Bibliographic; VOS viewer.

1.0 Introduction

Advancement in policies related international trade, tariff and non-tariff barriers have been significantly removed by the developed and developing countries increased importance of logistics and related factors considered as most important factor during the globalization (Osman T. Aydas, 2019; Yugang HE, 2021; Oualid Kherbash, 2015; Gunjan Malhotra, 2019). Such growing importance we can observe in the report published by World Bank, Connecting to Complete: Trade Logistics in the global economy, in the year 2018 (World Bank, 2018). International logistics has become one of the most essential new services in the 21st century. International logistics, as a bridge and hub of international trade development, breaks down national barriers and offers a solid foundation for international trade as economic globalization deepens. Valuable contribution for the academician and research scholars with different scales, variable, factors, time and size concluded the importance of the trade logistics in the global trade (Carruthers, 2003; Devlin, 2005; Dong, 2017; Gani, 2017). Economic globalization entails a greater integration of global employment and financial markets. From an economic standpoint, two macro forces appear to be driving the globalization trend. The first is the recent reduction in barriers to the free flow of commodities, services, and capital. The second reason is technical change, particularly the rapid advancements in communication, information processing, and transportation technology in recent years (Muller, 2004). International logistics encompasses services such as international freight forwarding, relocation and storage, warehousing and storage, project shipping, office construction, and letters of credit. There are already groups that specialize on making international logistics more manageable for international businesses. A supply chain is a network of facilities and distribution choices that handles the functions of material procurement, transformation into middle and final products, and delivery of these finished products to customers (Westaway, 2012).

^{*}Corresponding Author; Assistant Professor, Department of MBA, Parul Institute of Management & Research, Vadodara, Gujarat, India. (Email: ashishkumar.bhatt@paruluniversity.ac.in)

^{**}Dean, Department of MBA, Parul Institute of Management & Research, Vadodara, Gujarat, India. (Email: bijal.zaveri@paruluniversity.ac.in)

^{***}Associate Professor, Department of MBA, Parul Institute of Management & Research, Vadodara, Gujarat, India. (Email: divyang.joshi@paruluniversity.ac.in)

^{****}Associate Professor, Department of MBA, Parul Institute of Management & Research, Vadodara, Gujarat, India. (Email: dhwani.bhavsar@paruluniversity.ac.in)

The ultimate purpose of trade logistics is to effectively provide all trade goods and sales items in goods distribution centres in order to reduce storage costs and maximize profit for a business. An inventory management system that fulfils the customer's requirements, as well as the optimization of management and logistics procedures, enabling a trading organization to be successful in the end. The flow of goods must be thoroughly thought out and systematically managed ahead of time to ensure that particular items and trade goods are always available at the "point of sale" (POS). If a trading company understands the goal of trade logistics, it gains the significant advantage of not having to store trade goods and sales merchandise for an extended period of time, but rather handling and shipping them to customers or manufacturers more frequently through the appropriate service partners.

2.0 Descriptive Analysis

Study used the Scopus database for identifying the literature related to trade logistics. Initially we used Trade logistics as a key word and found more than 450 research papers. Study limited search focusing on the business, commerce, accounting and econometrics. Also, we limit our search with English language and exclude the book and book chapters as well and finally we reached the total number of 329 research articles associated with the word called Trade logistics in various domains like engineering, information technology, agriculture, trade, economics etc.

Research Papers 45 40 35 30 25 20 15 10 5 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021

Figure 1: Year wise Publication, Source: Scopus Database

Source:

The publication in the field of trade logistics is increasing constantly. The research showed a hike in the number of publications during the years. Data was used for the years during the 2011 till 2021. The contribution by the research in the trade logistics area is significantly increasing as the importance of the trade logistics increased due to increment in the trade. Figure 2 showed that the United States of America published the maximum number of papers in trade logistics. Finland, UK, Australia and China are also contributing a good number of articles in the trade Logistics. Especially after the 2013 OBOR project, China started supporting trade logistics research and that leads to an increase in the research area. Especially around 1000 research articles are published only on OBOR project which is a global logistics project.

DOCUMENTS 70 59 60 50 40 30 29 30 25 25 16 16 20 15 13 13 10 0 United Finland United Australia China Malaysia Thailand Germany India South states Kingdom **Ffrica**

Figure 2: Country wise publication

Source: Scopus Database

Table 1 represents the country wise publication, citation and average publication by the country. The United States of America published the highest documents with the highest citation. Finland also stood a significant contribution in terms of publication and citation. Notable things in Table 1 are that the highest average citations per document are from UAE, Spain, Switzerland, Canada and Taiwan. UAE's average citations are 37, Spain's are 31, Switzerland's and Taiwan's are 24. These countries' contributions in the number of documents are low but the citations of the published documents are of extremely good quality.

Table 1 Country wise citation and average citation

Country	Documents	Citations	Avg. Citation per Document
United states	59	892	15.12
Finland	30	489	16.30
United Kingdom	29	423	14.59
Australia	25	417	16.68
India	13	256	19.69
Spain	8	249	31.13
Germany	15	219	14.60
Canada	9	202	22.44
Taiwan	7	155	22.14
United Arab Emirates	4	150	37.50
Switzerland	6	147	24.50
Brazil	10	146	14.60
Thailand	16	145	9.06
France	10	135	13.50
Sweden	9	110	12.22
China	25	109	4.36
South Korea	11	105	9.55
Malaysia	16	103	6.44

Source: Scopus Database, Authors calculations

Table 2, the list of the Authors with highest citation. Lauri Ojala had highest 252 citations when data was collected. Solakivi Tomi and Töyli j. hade same citation 217. Harri Lorentz had 178 citations. Majority of the researchers key focus would be on trade logistics, supply chain, Logistics cost, financial performance with respect to Logistics and SCM, customer drive SCM and green SCM.

Table 2 Top authors - Citation Wise

Author	Documents	Citations	Average Citation per Document
Ojala l.	10	252	25.2
Solakivi t.	7	217	31
Lorentz h.	12	178	15
Laari s.	3	159	53
Goh m.	4	128	32
Saranga h.	1	118	118
Sreedevi r.	1	118	118
Martí l.	3	115	38
Puertas r.	3	115	38
Awadallah b.	1	106	106
Malik a.	1	106	106

Source: Scopus Database, Authors calculations

Table 3, represented the authors with highest documents publication in the trade logistics related areas. The publications are covering the major issues of trade logistics, cost, SCM and green SCM concentrating on Logistics related to Trade only.

Table 3 Top Authors with Publications

Author	Documents Published	Citations	Average Citation
Lorentz h.	12	178	14.83
Ojala l.	10	252	25.2
Solakivi t.	7	217	31
Töyli j.	7	217	31
Hilmola o.	6	65	10.83
Wong w.p.	6	39	6.5
Goh m.	4	128	32
El baz j.	4	82	20.5
Laguir i.	4	54	13.5
Soh k.l.	4	24	6

Source: Scopus Database, Authors calculations

Table 4, the top journals publishing the trade logistics documents. World Customs Journals, Journal of cleaner production, international journal of logistics research and applications and Journals related to maritime logistics, shipping and logistics systems contribute the most with a good number of the citations as well.

Table 4 Top Journal's Publication and Citation

Journal	Documents	Citations	Avg. Citation
World customs journal	12	48	4
Journal of cleaner production	11	405	37
International journal of logistics research and applications	10	110	11
Asian journal of shipping and logistics	8	107	13

Maritime economics and logistics	7	71	10
Research in transportation business and management	7	91	13
International journal of logistics systems and management	6	31	5
International journal of production economics	6	255	43
International journal of shipping and transport logistics	6	29	5
International journal of supply chain management	6	9	2
International journal of logistics management	5	42	8
World economy	5	71	14
Journal of Asian finance, economics and business	4	4	1
Journal of transport and supply chain management	4	10	3
Production planning and control	4	136	34
Transportation research part e: logistics and transportation review	4	178	45

Source: Scopus Database, Authors calculations

3.0 Data Analysis and Discussion

The following section focused on the analysis of the clusters of Keyword, Journals, citations and trend analysis. This section will also understand the importance of the funding agencies and its impact on the research activity. Data analysis also used the same database with bibliographic analysis based on documents, citation, key words and funding agencies. The discussion started with understanding the keywords analysis.

freight transport manufacturing developing world artificial intelligence performance indices trade policy decision making economic growth supply chains logistics performance manufacture sustai<mark>n</mark>ability logistics transport commerce emerging markets gravity model risk management transportation industry international trade outsourcing economics trade logistics performance finland cluster analysis international business **VOSviewer**

Figure 1 Keywords Analysis

Source: Scopus Database

Total 63 items divided in the 7 clusters focusing on trade logistics directly or indirectly. The analysis of the keywords focused on the logistics, SCM, international trade, logistics performance, trade logistics, international business, export etc. The cluster 1 comprises Brazil, Competitive advantage, Competitiveness, Gravity model, Infrastructure, International logistics, international trade, Logistics performance, Logistics performance index, Logistics performance index (lpi), Lpi, Trade, Trade costs, Trade facilitation, Trade logistics, Transport. Cluster 2 comprised Artificial intelligence, Commerce, Competition, Costs, Decision making, Developing countries, green supply chain management, Logistics service provider, Manufacturing, Outsourcing, Risk management, Supply chain management, Supply chains, Surveys, Sustainable development. Cluster 3 comprises Africa, Asia, Developing world, Economic development, Economic growth, Export, Manufacture, Trade policy, Transportation. Cluster 4 comprised Data envelopment analysis, Freight transport, Global logistics, Logistics, Malaysia, Performance, indices, South Africa, Sustainability. Cluster 5 comprises ASEAN, China, Emerging markets, Finland, International business, Performance, Russia. Cluster 6 comprises Cluster analysis, Economics, Information management, Innovation, Resource-based view. Cluster 7 comprises Industry, Research and Supply chain. The keywords analysis identified that the trade logistics related study is moving towards regional areas. Analysis witnessed that general theories and understanding phase is over now researchers are moving towards region specific studies and trying to develop specific theories and models for trade and logistics enhancement.

freight transport manufacturing developing world artificial intelligence performance indices export green supply chain management trade policy economic growth supply chains logistics performance asia africa manufacture sustainability transport supply chain management gravity model risk management transportation trade information management international trade logistics performance index (I economics trade logistics performance russia finland cluster analysis china asean VOSviewer

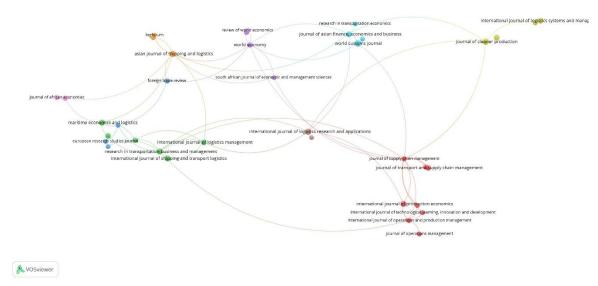
Figure 2 Keywords - Density Visualisation

Source: Scopus Database

Journal Analysis

Figure 4, Journal analysis analysed 37 research journals divided in 9 different clusters. Analysis suggested that the International Journal of logistics research and application, World customs journals, Asian Journal of shipping and Logistics, Journal of transport and SCM, International journal of Logistics system considered as best journal for trade logistics related research articles. All the journals are contributing directly as trade logistics and indirectly as supply chain, green supply chain and maritime logistics. The journal analysis found that now the trends of research in the field of trade logistics are increasing. The researchers are trying to make their study limited to certain areas like trade cost, transportation, use of technology, logistics efficiency, competitiveness and trade which includes both export and import.

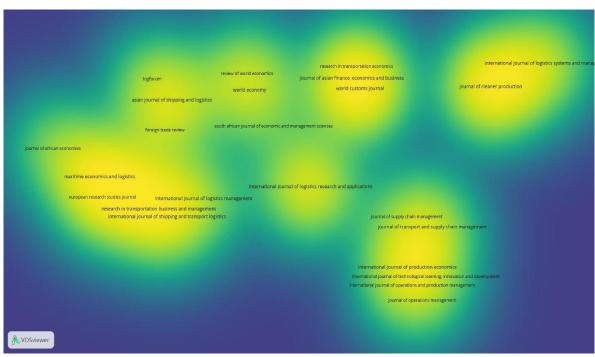
Figure 3: Journal Analysis



Source: Scopus Database

Density analysis clearly suggests that the few journals are publishing trade logistics related research articles frequently. Such journals also come with special issues focusing on the emerging topics such as trade openness, Logistics cost, Global trade routes, Global logistics and SCM, Global competitiveness through logistics, Logistics and trade etc. Journals also started special issues focusing on Asia, Africa, Europe, and Eurasia etc with the objective of understanding and enhancing the logistical environment.

Figure 4 Journals - Density Analysis



Source: Scopus Database

Bibliographic analysis will focus on documents, sources, authors, organization and countries. Table 5, It is noteworthy that the researcher's 52% work is not cited by the research community. The reasons might be due to logistics dynamic nature which always comes with new areas and new discussion and the second thing is that it is limited to certain regions with limited objectives. Hence very low published material cited by the community. Even no major theories developed in recent years meaning researchers are following the previous theory changing variables in the studies and trade logistics is still in the age of exploratory.

Table 5: Documents wise Citation

Number of Citation of a document Citation	No of Documents
No citation	172
1 to 5	153
6 to 10	98
10 to 15	72
16 to 20	56
21 to 25	43
26 to 30	37
31 to 35	29
36 to 40	20
More the 40	19

Source: Scopus Database, Authors calculations

4.0 Conclusion

The literature found for trade logistics is in large quantities as expected as logistics is very popular and a key factor for business but the quality research in the field of logistics specifically with respect to trade is limited. The literature suggested future research in the field of Green Logistics, Information Technology and information in Logistics, Customer service, Infrastructure in terms of maritime logistic and global connectivity. The current literature focused on cost, perforce, competitiveness, sustainability and facilitation. The current literature most commonly mentions the ICT, Information, global connectivity, global infra projects and logistics policy as scope of future research.

References

AnuBask, M. R. (2018). Environmental sustainability in shipper-LSP relationships. Journal of Cleaner Production, 2986-2998.

Banister, B. V. (2015). How to Write a Literature Review Paper? Transport Review, 278-288.

Bassem Awadallah, A. &. (2013). The Economics of the Arab Spring. World Development, 296-313.

Baumeister, R. F. (2012). Writing a Literature Review.

Behar, A. P. (2013). Exports and international logistics. Oxford Bulletin of Economics and Statistics, 855-886.

Beysenbaev, R. (2018). The importance of country-level logistics efficiency assessment to the development of international trade. British Journal for Social and Economic Research, 13-20.

Carruthers, R. &. (2003). Trends in trade and logistics: An East Asian perspective. Asia integrates: A trade policy agenda for shared growth, 117–137.

Catherine L Winchester, M. S. (2016). Writing a literature review. Journal of Clinical Urology, 308-312.

Çelebi, D. (2019). The role of logistics performance in promoting trade. Maritime Economics & Logistics volume, 307–323.

Celebi, D. L. (2014). Understanding drivers of trade and transport performance. *Proceedings of* International Symposium on Logistics. Vietnam.

D Saslavsky, B. S. (2013). Facilitating international production networks: The role of trade logistics. The journal of International trade & Economic development, 979-999.

Debajyoti Patil, L. N. (2017). How to Write a Systematic Review of the Literature. Health Environments Research & Design (HERD).

Devlin, J. &. (2005). Trade logistics in developing countries: The case of the Middle East and North Africa. World Economy,, 435-456.

Dong, X. (2017). The impact of coastal urban logistics economic development on international trade development. 4th International conference on education, management and computing technology (ICEMCT 2017). Atlantis: Atlantis Press.

Edirisinghe. (2017). Cross-border logistics performance in Sri Lanka; the way forward. *International* Research Conference on Business & Information, 17.

Elina Virokannas, S. L. (2020). The contested concept of vulnerability – a literature review. European Journal of Social Work, 327-339.

Enzo Barberio Marianoa, J. A. (2017). CO2 emissions and logistics performance: a composite index proposal. Journal of Cleaner Production, 166-178.

Frank Wiengarten, M. P. (2013). Do a country's logistical capabilities moderate the external integration performance relationship? Journal of Operations Management, 51-63.

G. Burghouwt, R. R. (2013). Connectivity in air transport networks: An assessment of models and applications. Journal of Transport Economics and Policy, 35-53.

Gabbott, M. (2004). Undertaking a Literature Review in Marketing. The Marketing Review, 411-429.

Gani. (2017). The logistics performance effect in international trade. The Asian Journal of Shipping and Logistics, 279-289.

Gani, A. (2017). The Logistics Performance Effect in International Trade. The Asian Journal of Shipping and Logistics, 279-288.

Göçer, A. Ö. (2021). Logistics performance index-driven policy development: An application to Turkey. Elsevier.

Gregorio, S. d. (2000). USING NVIVO FOR YOUR LITERATURE REVIEW AND RESULTS FROM ANALYSIS USING QSR NVIVO AND NUD*IST, . STRATEGIES IN QUALITATIVE RESEARCH: ISSUES. London.

Gunjan Malhotra, S. M. (2019). Effect of Economic Growth on the Logistics Sector in India. Theoretical Economics Letters.

Gupta, S. M. (2011). Assessing trade friendliness of logistics services in ASEAN. Asia Pacific *Journal of Marketing and Logistics*, 773–792.

HalvorSchøyen, C. T.-J. (2018). Measuring the contribution of logistics service delivery performance outcomes and deep-sea container liner connectivity on port efficiency. Research in Transportation Business & Management, 66-76.

HannahSnyder. (2019). Literature review as a research methodology: An overview and guidelines. Journal of Business Research, 333-339.

Havenga, J. (2010). LOGISTICS COSTS IN SOUTH AFRICA - THE CASE FOR MACROECONOMIC MEASUREMENT. South African Journal of Economics, 460-476.

HK Nordås, E. P. (2006). Logistics and time as a trade barrier. oecd-ilibrary.org.

HK Nordas, R. P. (2004). Infrastructure and Trade. Staff Working Paper ERSD-2004-04.

Isotilia Costa Melo, P. N. (2018). Benchmarking freight transportation corridors and routes with data envelopment analysis (DEA). Benchmarking: An International, 713-742.

J Devlin, P. Y. (2005). Trade logistics in developing countries: the case of the Middle East and North Africa. The World Economy,, 435-456.

J Korinek, P. S. (2011). To what extent are high-quality logistics services trade facilitating? OECD Library.

J Rezaei, W. v. (2018). Measuring the relative importance of the logistics performance index indicators using Best Worst Method. Transport Policy, 158-169.

JanHavenga, Z. &.-G. (2017). International trade logistics costs in South Africa: Informing the port reform agenda. Research in Transportation Business & Management, 263-275.

JF Arvis, M. M. (2012). Connecting to Compete: Trade Logistics in the Global Economy. World Bank, Washington, D.C.

JL Kent Jr, D. F. (1997). Perspectives on the evolution of logistics thought. Journal of Business Logistics, 15-29.

Jr., D. N. (2018). Writing the literature review for empirical papers. Sociao Brazil.

Knopf, J. W. (2006). Doing a Literature Review. Political Science & Politics, 127-132.

Kusumal Ruamsook, D. M. (2009). Sourcing from low-cost countries: Identifying sourcing issues and prioritizing impacts on logistics performance. The International Journal of Logistics Management, 79-96.

Linda E. Karjalainen, S. J. (2021). Urban transportation sustainability assessments: a systematic review of literature. Transport Reviews, 1-26.

Luisa Martí, J. C. (2015). A Dea-Logistics Performance Index. Journal of Applied Economics, 169-192.

Mann, C. L. (2012). Supply Chain Logistics, Trade Facilitation and International Trade: A Macroeconomic Policy View. Journal of Supply chain.

MarkGoh, Y.-C. J. (2010). Container port efficiency in emerging and more advanced markets. *Transportation Research Part E: Logistics and Transportation Review*, 1030-1042.

Martí, L. (2014). The importance of the Logistics Performance Index in international trade. Applied Economics, 2982-2992.

Mei Ling Wang, Q. Q. (2018). How will the Belt and Road initiative advance China's exports? Asia Pacific Review, 81-99.

Mercangoz, B. F. (2020). Evaluating the logistics performance of OECD countries by using fuzzy AHP and ARAS-G. Eurasian Economic Review volume, pages27–45.

Muller. (2004). Transportation and urban form: Stages in the spatial evolution of the American metropolis. The geography of urban transportation.

Naveen Kumar, D. A. (2010). Logistics of low cost country sourcing. *International Journal of* Logistics Research and Applications, 143-160.

Nicole Graulich ORCID logoa, S. E. (2021). Writing a review article: what to do with my literature review. ROyal Society of Chemistry, 561-564.

Nusrat Jahan, S. N. (2016). How to Conduct a Systematic Review: A Narrative Literature Review. Cureus.

Olga Memedovic, L. O.-P. (2008). Fuelling the global value chains: what role for logistics capabilities? International Journal of Technological Learning, Innovation and Development (IJTLID),.

Osman T. Aydas, A. D. (2019). Exploring country-level logistics infrastructure, market potential, trade exports amongst developed and emerging markets. Journal of Transport and Supply Chain Management, 1-11.

Oualid Kherbash, M. L. (2015). A Review of Logistics and Transport Sector as a Factor of Globalization. 22nd International Economic Conference – IECS 2015 "Economic Prospects in the Context of Growing Global and Regional Interdependencies", IECS 2015 (pp. 42-47). Romania: Elsevier.

P Duško, R. B. (2016). The impact of transport on international trade development. Acta Economica Et Turistica, 13-28.

R Lakshmanan, U. S. (2001). Integration of Transport and Trade Facilitation, Book Series on'Directions in Development'. Thw World Bank.

R.Sreedevi, H. (2017). Uncertainty and supply chain risk: The moderating role of supply chain flexibility in risk mitigation. *International Journal of Production Economics*, 332-342.

Ramdhani, A. a. (2014). Writing a literature review research paper: A step-by-step approach. *International Journal of Basic and Applied Science*, 47-56.

Randolph, J. (2009). A Guide to Writing the Dissertation Literature Review. Research, and Evaluation.

Ridley, D. (2012). The Literature Review: A Step-by-Step Guide for Students. Sage.

Ruth Banomyong, P. C. (2008). Formulating regional logistics development policy: the case of ASEAN. International Journal of Logistics Research and Applications, 359-379.

S. Güner, E. C. (2012). Comparison of impacts of economic and social factors on countries' logistics performances: A study with 26 OECD countries. Research in Logistics & Production, 329-343.

S. Su, J. K. (2017). National logistics performance benchmarking: A process-based approach using World Bank Logistics Performance Index database. Journal of Supply Chain and Operations Management, 55-78.

Sanjay Kumar, J. L. (2015). The impact of supply chain disruptions on stockholder wealth in India. International Journal of Physical Distribution & Logistics Management, 938-958.

SiniLaari, J. T. (2016). Firm performance and customer-driven green supply chain management. Journal of Cleaner Production, 1960-1970.

Sourdin, R. P. (2010). Why do trade costs vary? Review of World Economics, 709–730.

Steward, B. (2004). Writing a Literature Review. British Journal of Occupational Therapy.

Tewksbury, A. S. (2012). How to Write a Literature Review. Journal of Criminal Justice Education, 218-234.

Tongzon, J. (20111). Liberalisation of logistics services: the case of ASEAN. *International Journal of* Logistics Research and Applications, 11-34.

UNCTAD. (2018). Review of maritime transport. UNCTAD.

V.L. Dang, G. Y. (2018). Weighing the key factors to improve Vietnam's logistics system. The Asian Journal of Shipping and Logistics,, 308-316.

VIEIRA, R. N. (n.d.). EVALUATION OF LOGISTIC PERFORMANCE INDEXES OF BRAZIL IN THE INTERNATIONAL TRADE.

Vittorio D'Aleo, B. S. (2017). Does logistics influence economic growth? The European experience. Management Decision, 613-1628.

Wakefield, A. N. (2015.). Synthesising the literature as part of a literature review. Scholarly Journal.

Watson, J. W. (2002). Analyzing the Past to Prepare for the Future: Writing a Literature Review. MIS Quarterly, xiii-xxiii.

Westaway. (2012). Globalization, Transnational Corporations and Human Rights – A New Paradigm. International Law Research, 11-13.

WH Hausman, H. L. (2012). The impact of logistics performance on trade. Production and Operation Management, 236-252.

WorldBank. (2018). Connecting to Complete: Trade Logistics in the global Economy. Worldbank.

Yip, T. (2012). Seaborne trade between developed and developing countries. The Asian Journal of Shipping and Logistics.

Yugang HE, B.-R. C. (2021). International Logistics: Does It Matter in Foreign Trade? Journal of Asian Finance, Economics and Business, 1-11.

YuriDus, R. B. (2020). Proposals for improving the Logistics Performance Index. The Asian Journal of Shipping and Logistics, 34-42.

Z. Raimbekov, B. S. (2017). The study of the logistics development effectiveness in the Eurasian Economic Union countries and measures to improve i. European Research Studies Journal, 260-276.

Zahra Shahsavar, H. K. (2020). Postgraduate students' difficulties in writing their theses literature review. Cogent Education.

Zeeshan Raza, M. S. (2020). Modal shift from road haulage to short sea shipping: A systematic literature review and research directions. . Transport Reviews, 382-406.