REFERENCES

Agrebi, M., & Abed, M. (2021). Decision-making from multiple uncertain experts: case of distribution center location selection. *Soft Computing*, *25*(6), 4525–4544. https://doi.org/10.1007/s00500-020-05461-y

Atieh, A. M., Kaylani, H., Al-Abdallat, Y., Qaderi, A., Ghoul, L., Jaradat, L., & Hdairis, I. (2016). Performance Improvement of Inventory Management System Processes by an Automated Warehouse Management System. *Procedia CIRP*, *41*, 568–572. https://doi.org/10.1016/j.procir.2015.12.122

Azadeh, K., Roy, D., & De Koster, R. (2019). Design, modeling, and analysis of vertical robotic storage and retrieval systems. *Transportation Science*, *53*(5), 1213–1234. https://doi.org/10.1287/trsc.2018.0883

Bag, S., Gupta, S., & Luo, Z. (2020). *Examining the role of logistics 4 . 0 enabled dynamic capabilities on firm performance*. https://doi.org/10.1108/IJLM-11-2019-0311

Bai, C., Dallasega, P., Orzes, G., & Sarkis, J. (2020). Industry 4.0 technologies assessment: A sustainability perspective. *International Journal of Production Economics*, 107776. https://doi.org/10.1016/j.ijpe.2020.107776

Barman, S., Canizares, A. E., Brooks, W., & Hall, A. (2015). *A Survey of Mass Customization in Practice*. *4*(1), 65–72.

Barreto, L., Amaral, A., & Pereira, T. (2017a). Industry 4.0 implications in logistics: an overview. *Procedia Manufacturing*, *13*, 1245–1252. https://doi.org/10.1016/j.promfg.2017.09.045

Barreto, L., Amaral, A., & Pereira, T. (2017b). Industry 4.0 implications in logistics: an overview. *Procedia Manufacturing*, *13*, 1245–1252. https://doi.org/10.1016/j.promfg.2017.09.045

Batt, R. J., & Gallino, S. (2019). Finding a needle in a haystack: The effects of searching and learning on pick-worker performance. *Management Science*, *65*(6), 2624–2645. https://doi.org/10.1287/mnsc.2018.3059

Bechtsis, D., Tsolakis, N., Vouzas, M., & Vlachos, D. (2017). Industry 4.0: Sustainable material handling processes in industrial environments. In *Computer Aided Chemical Engineering* (Vol. 40). Elsevier Masson SAS. https://doi.org/10.1016/B978-0-444-63965-3.50382-2

Bigliardi, B., Casella, G., & Bottani, E. (2021). Industry 4.0 in the logistics field: A bibliometric analysis. *IET Collaborative Intelligent Manufacturing*, *3*(1), 4–12. https://doi.org/10.1049/cim2.12015

Brandenburg, M., Govindan, K., Sarkis, J., & Seuring, S. (2014). Quantitative models for sustainable supply chain management: Developments and directions. *European Journal of Operational Research*, *233*(2), 299–312. https://doi.org/10.1016/j.ejor.2013.09.032

Burkard, R. E., Fruhwirth, B., & Rote, G. (1995). Vehicle routing in an automated warehouse: Analysis and optimization. *Annals of Operations Research*, *57*(1), 29–44. https://doi.org/10.1007/BF02099689

Cattrysse, D., Pintelon, L., Vansteenwegen, P., Horenbeek, A. Van, & Bure, J. (2013). Joint maintenance and inventory optimization systems : A review. *International Journal of Production Economics*, *143*, 499–508. https://doi.org/10.1016/j.ijpe.2012.04.001

Chu, C.-W., Liang, G.-S., & Liao, C.-T. (2008). Controlling inventory by combining ABC analysis and fuzzy classification. *Computers and Industrial Engineering*, *55*, 841–851. https://doi.org/10.1016/j.cie.2008.03.006

Cord, M., & Delany, S. J. (2008). Supervised Learning. *Machine Learning Techniques for Multimedia*, 21–49.

Costantino, F., Di, G., Shaban, A., & Tronci, M. (2014). The impact of information sharing and inventory control coordination on supply chain performances. *Computers and Industrial Engineering*, *76*, 292–306.

Costantino, F., Gravio, G. Di, & Shaban, A. (2014). Multi-criteria logistics distribution network design for mass customisation. *International Journal of Applied Decision Sciences*, *7*(2), 151–167.

https://doi.org/10.1504/IJADS.2014.060328

Dai, B., Chen, H. X., Li, Y. A., Zhang, Y. D., Wang, X. Q., Deng, Y. M., Chen, H. X., Li, Y. A., Zhang, Y. D., Wang, X. Q., & Deng, Y. M. (2020). Inventory Replenishment Planning of a Distribution System with Storage Capacity Constraints and Multi-Channel Order Fulfilment. *Omega - International Journal of Management Science*, *102*. https://doi.org/10.1016/j.omega.2020.102356

Dalenogare, L., & Benitez, G. B. (2018). *The expected contribution of Industry 4 . 0 technologies for industrial performance The expected contribution of Industry 4 . 0 technologies for industrial performance. August.* https://doi.org/10.1016/j.ijpe.2018.08.019

Dallari, F., Marchet, G., & Melacini, M. (2009). Design of order picking system. *International Journal of Advanced Manufacturing Technology*, *42*(1–2), 1–12. https://doi.org/10.1007/s00170-008-1571-9

Dekker, R. (2004). *Improving Order Picking Responses Time at Ankor's Warehouse*. *34*(4), 303–313.

Demˇ, J., & Moˇ, M. (2013). *Orange : Data Mining Toolbox in Python*. *14*, 2349–2353.

Deschamps, F., Liao, Y., Deschamps, F., Freitas, E. De, Loures, R., & Ramos, F. P. (2017). Past , present and future of Industry 4 . 0 - a systematic literature review and research agenda proposal. *International Journal of Production Research*, *55*(12), 3609–3629. https://doi.org/10.1080/00207543.2017.1308576

Dolgui, A., Ivanov, D., Sethi, S. P., & Sokolov, B. (2019). Scheduling in production, supply chain and Industry 4.0 systems by optimal control: fundamentals, state-of-the-art and applications. *International Journal of Production Research*, *57*(2), 411–432. https://doi.org/10.1080/00207543.2018.1442948

Domanski, R. (2019). *Logistics 4.0 in Warehousing - Current State and Trends*.

Edirisuriya, A., Weerabahu, S., & Wickramarachchi, R. (2019). Applicability of

Lean and Green Concepts in Logistics 4.0: A Systematic Review of Literature. *2018 International Conference on Production and Operations Management Society, POMS 2018, December*, 1–8. https://doi.org/10.1109/POMS.2018.8629443

Fan, J., & Wang, G. (2017). Joint Optimization of Dynamic Lot and Warehouse Sizing Problems. *European Journal of Operational Research*. https://doi.org/10.1016/j.ejor.2017.12.019

Farahani, R. Z., Rezapour, S., Drezner, T., & Fallah, S. (2014). Competitive Supply Chain Network Design: An Overview of Classifications, Models, Solu- tion Techniques and Applications. *Omega*. https://doi.org/10.1016/j.omega.2013.08.006

Fernandes, Baptista, A., Silva, F. J. G., Campilho, R. D. S. G., & Pinto, G. F. L. (2019). Intralogistics and industry 4.0: Designing a novel shuttle with picking system. *Procedia Manufacturing*, *38*(2019), 1801–1832. https://doi.org/10.1016/j.promfg.2020.01.078

Flores, B. E., & Whybark, D. C. (1987). Implementing multiple criteria ABC analysis. *Journal of Operations Management*, *7*(1–2), 79–85. https://doi.org/10.1016/0272-6963(87)90008-8

Fottner, J., Clauer, D., Hormes, F., Freitag, M., Beinke, T., Overmeyer, L., Gottwald, S. N., Elbert, R., Sarnow, T., Schmidt, T., Reith, K. B., Zadek, H., & Thomas, F. (2021). Autonomous systems in intralogistics-state of the art and future research challenges. *Logistics Research*, *14*(1). https://doi.org/10.23773/2021_2

Fragapane, G., Ivanov, D., Peron, M., Sgarbossa, F., & Strandhagen, J. O. (2020). Increasing flexibility and productivity in Industry 4.0 production networks with autonomous mobile robots and smart intralogistics. *Annals of Operations Research*. https://doi.org/10.1007/s10479-020-03526-7

Fragapane, G., Koster, R. De, Sgarbossa, F., & Strandhagen, J. O. (2021). Planning and control of autonomous mobile robots for intralogistics: Literature review and research agenda. *European Journal of Operational Research*, *xxxx*.

https://doi.org/10.1016/j.ejor.2021.01.019

Francesco, L., Elia, B., Alessio, I., Rita, G., & Bianca, R. (2019). Machine learning for multi-criteria inventory classification applied to intermittent demand. *Production Planning and Control*, *30*(1), 76–89.

Furmans, K., Seibold, Z., & Trenkle, A. (2019). Future Technologies in Intralogistics and Material Handling. In *Lecture Notes in Logistics*. Springer International Publishing. https://doi.org/10.1007/978-3-319-92447-2_24

Gagliardi, J. P., Renaud, J., & Ruiz, A. (2007). A simulation model to improve warehouse operations. *Proceedings of the 2007 Winter Simulation Conference*, 2012–2018.

Gasova, M., Gaso, M., & Stefanik, A. (2017). Advanced industrial tools of ergonomics based on Industry 4 . 0 concept. *Procedia Engineering*, *192*, 219–224. https://doi.org/10.1016/j.proeng.2017.06.038

Gattorna, J., Day, A., & Hargreaves, J. (1991). Effective Logistics Management. *Logistics Information Management*, *4*(2), 2–86. https://doi.org/10.1108/09576059110143603

Ghaouta, A., Bouchti, A. El, & Okar, C. (2018). Big Data Analytics Adoption in Warehouse Management: A Systematic Review. *2018 IEEE International Conference on Technology Management, Operations and Decisions, ICTMOD 2018*, 86–93. https://doi.org/10.1109/ITMC.2018.8691173

Gladence, L. M., Karthi, M., & Anu, M. (2015). A statistical comparison of logistic regression and different bayes classification methods for machine learning A STATISTICAL COMPARISON OF LOGISTIC REGRESSION AND DIFFERENT BAYES CLASSIFICATION METHODS FOR. *ARPN Journal of Engineering and Applied Sciences*, *10*(14), 5947–5953.

Gunasekaran, A., Marri, H. B., & Menci, F. (1999). Improving the effectiveness of warehousing operations: a case study. *Industrial Management and Data Systems*, *99*(8), 328–339. https://doi.org/10.1108/02635579910291975

Gunasekaran, A., & Ngai, E. W. T. (2012). The future of operations management: An outlook and analysis. *International Journal of Production Economics*, *135*(2), 687–701. https://doi.org/10.1016/j.ijpe.2011.11.002

Gunes, V., Peter, S., Givargis, T., & Vahid, F. (2014). A Survey on Concepts , Applications , and Challenges in Cyber-Physical Systems. *KSII Transactions on Internet and Information Systems (TIIS)*, *8*(12), 4242–4268.

Guo, G., Wang, H., Bell, D. A., & Bi, Y. (2003). KNN Model-Based Approach in Classification. *Lecture Notes in Computer Science*, *June 2015*, 986–996. https://doi.org/10.1007/978-3-540-39964-3

Hafner, N., & Lottersberger, F. (2016). Intralogistics systems - optimization of energy efficiency. *FME Transactions*, *44*(3), 256–262. https://doi.org/10.5937/fmet1603256H

Hahn-woernle, P., & Günthner, W. A. (2017). Power-load management reduces energy- dependent costs of multi-aisle mini-load automated storage and retrieval systems. *International Journal of Production Research*, *7543*(November), 1–18. https://doi.org/10.1080/00207543.2017.1395487

He, Z., Aggarwal, V., & Nof, S. Y. (2018). Differentiated service policy in smart warehouse automation. *International Journal of Production Research*, *7543*(January), 1–15. https://doi.org/10.1080/00207543.2017.1421789

Hertz, S., & Alfredsson, M. (2003). Strategic development of third party logistics providers. *Industrial Marketing Management*, *32*(2), 139–149. https://doi.org/10.1016/S0019-8501(02)00228-6

Herzog, O., Becker, M., Becker, M., Gehrke, J. D., Lorenz, M., & Carmelita, G. (2006). Agent-based and Discrete Event Simulation of Autonomous Logistic Processes. *Proceedings of: Borutzky, W.; Orsoni, A.; Zobel, R.(Eds.)*, 566–571.

Hofmann, E., & Rüsch, M. (2017). Industry 4 . 0 and the current status as well as future prospects on logistics. *Computers in Industry*, *89*, 23–34. https://doi.org/10.1016/j.compind.2017.04.002

Hompel, M. ten, & Schmidt, T. (2007). *Automation and organisation of warehouse and order picking systems.*

Huihui, S., Xiaoxia, M., & Xiangguo, M. (2016). Simulation and Optimization of Warehouse Operation Based on Flexsim. *Journal of Applied Science and Engineering Innovation*, *3*(4), 125–128.

Ishak, A., Siregar, K., & Ginting, R. (2020). *Orange Software Usage in Data Mining Classification Method on The Dataset Lenses Orange Software Usage in Data Mining Classification Method on The Dataset Lenses*. https://doi.org/10.1088/1757-899X/1003/1/012113

Jafari, N., & Azarian, M. (2022). Moving from Industry 4.0 to Industry 5.0: What Are the Implications for Smart Logistics? *Logistics Information Management*, *6*(26), 1–27.

Jordan, M. I., & Mitchell, T. M. (2015). Machine learning: Trends, perspectives, and prospects. *Www.Sciencemag.Org*, *349*(6245), 255–261.

Kache, F., Seuring, S., Kache, F., & Seuring, S. (2017). Challenges and opportunities of digital information at the intersection of Big Data Analytics and supply chain management. *International Journal of Operations & Production Management*, *37*(1), 10–36. https://doi.org/10.1108/IJOPM-02-2015-0078

Kahraman, C., & Onar, S. Ç. (2015). *Intelligent Techniques in Engineering Management theory and applications* (Vol. 87). Springer International Publishing. https://doi.org/10.1007/978-3-319-17906-3_25

Kamble, S., Gunasekaran, A., & Arha, H. (2018). Understanding the Blockchain technology adoption in supply chains-Indian context. *International Journal of Production Research*, *0*(0), 1–25. https://doi.org/10.1080/00207543.2018.1518610

Kar, J. (2013). An Overview of Warehouse Optimization. *International Journal of Advances in Telecommunications, Electrotechnics, Signals and Systems*, *2*(3), 111–117.

Karakikes, I., Nathanail, E., & Savrasovs, M. (2019). Techniques for smart urban logistics solutions' simulation: A systematic review. In *Lecture Notes in Networks and Systems* (Vol. 68). Springer International Publishing. https://doi.org/10.1007/978-3-030-12450-2_53

Karlstrom, H. (1983). Advanced techniques for warehouse automation. *Data Processing*, 38–40.

Kartnig, G., Grösel, B., & Zrnic, N. (2012). Past, state-of-the-art and future of intralogistics in relation to megatrends. *FME Transactions*, *40*(4), 193–200.

Kembro, J. H., Norrman, A., & Eriksson, E. (2018). Adapting warehouse operations and design to omni-channel logistics: A literature review and research agenda. *International Journal of Physical Distribution and Logistics Management*, *48*(9), 890–912. https://doi.org/10.1108/IJPDLM-01-2017-0052

Kiehne, J., & Olaru, M. (2017). Implementing industrie 4.0 strategies: beyond technical innovations. *New Trends in Sustainable Business and Consumption*, 363–371.

Kleywegt, A. J., Nori, V. S., & Savelsbergh, M. W. P. (2004). Inventory Routing Problem Stochastic Inventory Routing Problem. *Transportation Science*, *38*(1), 42–70. https://doi.org/10.1287/trsc.1030.0041

Kłosowski, G., Arkadiusz, G., & Thibbotuwawa, A. (2018). Computational Intelligence in Control of AGV Multimodal Systems. *IFAC-PapersOnLine*, *51*(11), 1421–1427. https://doi.org/10.1016/j.ifacol.2018.08.315

Korczak, J., & Kijewska, K. (2019). Smart Logistics in the development of Smart Cities. *Transportation Research Procedia*, *39*(2018), 201–211. https://doi.org/10.1016/j.trpro.2019.06.022

Kosacka-Olejnik, M., Kostrzewski, M., Marczewska, M., Mrówczynska, B., & Pawlewski, P. (2021). How Digital Twin Concept Supports Internal Transport. *Energies*, *14*, 1–33.

Kovac, M., & Djurdjevic, D. (2020). OPTIMIZATION OF ORDER-PICKING

SYSTEMS THROUGH. *International Journal of Simulation Modelling*, *19*, 89–99.

Le, P. L., Jarroudi, I., Dao, T. M., & Chaabane, A. (2021). Integrated construction supply chain: an optimal decision-making model with third-party logistics partnership. *Construction Management and Economics*, *39*(2), 133–155. https://doi.org/10.1080/01446193.2020.1831037

Leng, J., Yan, D., Liu, Q., Zhang, H., Zhao, G., Wei, L., Yu, A., & Chen, X. (2021). Digital twin-driven joint optimisation of packing and storage assignment in large-scale automated high-rise warehouse product-service system. *International Journal of Computer Integrated Manufacturing*, *34*(7–8), 783–800. https://doi.org/10.1080/0951192X.2019.1667032

Lerher, T., Consortium, I., & Manufacturing, S. (2018). Warehousing 4.0 by using shuttle- based storage and retrieval systems Warehousing. *FME Transactions*, 381–385. https://doi.org/10.5937/fmet1803381L

Li, M., & Huang, G. Q. (2021). Production-Intralogistics Synchronization of Industry 4 . 0 Flexible Assembly Lines under Graduation Intelligent Manufacturing System. *International Journal of Production Economics*, *241*, 0–34. https://doi.org/10.1016/j.ijpe.2021.108272

Liu, R., Liu, S., Zeng, Y.-R., & Wang, L. (2017). Optimization model for the new coordinated replenishment and delivery problem with multi-warehouse. *The International Journal of Logistics Management*, *28*(2), 290–310. https://doi.org/10.1108/IJLM-11-2015-0217

Lolli, F., Ishizaka, A., Gamberini, R., Balugani, E., & Rimini, B. (2017). Decision Trees for Supervised Multi-criteria Inventory Classification. *Procedia Manufacturing*, *11*(June), 1871–1881. https://doi.org/10.1016/j.promfg.2017.07.326

Lu, Y. (2017). PT US CR. *Journal of Industrial Information Integration*, *6*, 1–10. https://doi.org/10.1016/j.jii.2017.04.005

Manzini, R., Gamberi, M., Persona, A., & Regattieri, A. (2007). Design of a class

based storage picker to product order picking system. *International Journal of Advanced Manufacturing Technology*, *32*(7–8), 811–821. https://doi.org/10.1007/s00170-005-0377-2

Marchet, G., Melacini, M., & Perotti, S. (2015). Investigating order picking system adoption: a case-study-based approach. *International Journal of Logistics Research and Applications*, *18*(1), 82–98. https://doi.org/10.1080/13675567.2014.945400

Mason, S. J., Ribera, P. M., Farris, J. A., & Kirk, R. G. (2003). *Integrating the warehousing and transportation functions of the supply chain*. *39*, 141–159.

Mohamed-Iliasse, M., Loubna, B., & Abdelaziz, B. (2020). Is machine learning revolutionizing supply chain? *Proceedings - 2020 5th International Conference on Logistics Operations Management, GOL 2020*. https://doi.org/10.1109/GOL49479.2020.9314713

Monostori, L. (2014). Cyber-physical production systems : Roots , expectations and R & D challenges. *Procedia CIRP*, *17*, 9–13. https://doi.org/10.1016/j.procir.2014.03.115

Mörth, O., Emmanouilidis, C., Hafner, N., & Schadler, M. (2020). Cyber-physical systems for performance monitoring in production intralogistics. *Computers and Industrial Engineering*, *142*(February), 106333. https://doi.org/10.1016/j.cie.2020.106333

Mousavi, S. M., Alikar, N., Taghi, S., Niaki, S. T. A., & Bahreininejad, A. (2016). Optimizing a location allocation-inventory problem in a two-echelon supply chain network : A modified fruit fly optimization algorithm. *Computers & Industrial Engineering*, *87*(December), 543–560. https://doi.org/10.1016/j.cie.2015.05.022

Nicolas, L., Yannick, F., & Ramzi, H. (2017). Order batching in an automated warehouse with several vertical lift modules: Optimization and experiments with real data. *European Journal of Operational Research*. https://doi.org/10.1016/j.ejor.2017.12.037

Paszkowiak, W. ., Bartkowiak, T., & Pelic, M. (2021). KINEMATIC MODEL OF A LOGISTIC TRAIN WITH A DOUBLE ACKERMANN STEERING SYSTEM. *International Journal of Simulation Modelling*, *20*, 243–254.

Paszkowiak, W., & Bartkowiak, T. (2020). Dynamic model of a logistic train with different steering systems and tire models. *Latin American Journal of Solids and Structures*, *18*(1), 1–27.

Pawlewski, P. (2019). Methodology for layout and intralogistics redesign using simulation. *Proceedings - Winter Simulation Conference*, *2018-Decem*(5), 3193–3204. https://doi.org/10.1109/WSC.2018.8632458

Pawlewski, P., Kosacka-Olejnik, M., & Werner-Lewandowska, K. (2021). Digital twin lean intralogistics: Research implications. *Applied Sciences (Switzerland)*, *11*(4), 1–13. https://doi.org/10.3390/app11041495

Perera, H. N., Fahimnia, B., & Tokar, T. (2020). Inventory and ordering decisions: a systematic review on research driven through behavioral experiments. *International Journal of Operations and Production Management*. https://doi.org/10.1108/IJOPM-05-2019-0339

Perera, H. N., Hurley, J., Fahimnia, B., & Reisi, M. (2019). The human factor in supply chain forecasting: A systematic review. *European Journal of Operational Research*, *274*(2), 574–600. https://doi.org/10.1016/j.ejor.2018.10.028

Perera, H. N., & Perera, H. Y. R. (2022). Applications of Pixel Oriented Mobility Modelling in Transport & Logistics. *Lecture Notes in Logistics*, *3*(1), 337–348. https://doi.org/10.1007/978-3-031-05359-7_27

Ponis, S. T., & Efthymiou, O. K. (2020). Cloud and IoT Applications in Material Handling Automation and Intralogistics. *Logistics Journal*, *4*(22), 1–17. https://doi.org/10.3390/logistics4030022

Pourhejazy, P., & Kwon, O. K. (2016). The New Generation of Operations Research Methods in Supply Chain Optimization : A Review. *Sustainability*. https://doi.org/10.3390/su8101033

Praveen, K. B., Pratheek, J., Kumar, P., G, P., & J, M. (2020). Inventory Management using Machine Learning. *International Journal of Engineering Research And*, *V9*(06). https://doi.org/10.17577/ijertv9is060661

Priore, P., Ponte, B., Rosillo, R., & de la Fuente, D. (2019). Applying machine learning to the dynamic selection of replenishment policies in fast-changing supply chain environments. *International Journal of Production Research*, *57*(11), 3663–3677. https://doi.org/10.1080/00207543.2018.1552369

Radhakrishnan, P., & Prasad, V. M. (2009). Inventory Optimization in Supply Chain Management using Genetic Algorithm. *International Journal of Computer Science and Network Security*, *9*(1), 33–40.

Ramanathan, R. (2006). *ABC inventory classification with multiple-criteria using weighted linear optimization*. *33*, 695–700. https://doi.org/10.1016/j.cor.2004.07.014

Risberg, A., & Risberg, A. (2022). A systematic literature review on e-commerce logistics : towards an e-commerce and omni- channel decision framework framework. *The International Review of Retail, Distribution and Consumer Research*, *00*(00), 1–25. https://doi.org/10.1080/09593969.2022.2089903

Robinson, S. (2005). Discrete-event simulation: From the pioneers to the present, what next? *Journal of the Operational Research Society*, *56*(6), 619–629. https://doi.org/10.1057/palgrave.jors.2601864

Sadeghi, J., Mousavi, S. M., Niaki, S. T. A., & Sadeghi, S. (2013). Optimizing a multi-vendor multi- retailer vendor managed inventory problem : Two tuned meta-heuristic algorithms. *Knowledge-Based Systems Journal*, *50*, 159–170.

Sahay, N., & Ierapetritou, M. (2013). *Supply Chain Management Using an Optimization Driven Simulation Approach*. *59*(12). https://doi.org/10.1002/aic

Shah, B., & Khanzode, V. (2017). A comprehensive review of warehouse operational issues. *International Journal of Logistics Systems and Management*, *26*(3), 346–378. https://doi.org/10.1504/IJLSM.2017.081962

Singh, S. R., & Kumar, T. (2011). Inventory Optimization in Efficient Supply Chain Management. *International Journal of Computer Applications in Engineering Sciences*, *1*(4), 428–434.

Strandhagen, J. O., Vallandingham, L. R., Fragapane, G., Strandhagen, W. J., Stangeland, A. B. H., & Sharma, N. (2017). Logistics 4 . 0 and emerging sustainable business models. *Advances in Manufacturing*, *1*. https://doi.org/10.1007/s40436-017-0198-1

Sugathadasa, P. T. R. S., & Perera, H. N. (2021). *Analysis of Risk Factors for Temperature- Controlled Warehouses*. *14*(3), 320–337. http://doi.org/10.31387/oscm0460305

Tang, C. S., & Veelenturf, L. P. (2019). The strategic role of logistics in the industry 4.0 era. *Transportation Research Part E: Logistics and Transportation Review*, *129*(June), 1–11. https://doi.org/10.1016/j.tre.2019.06.004

Timm, I. J. (2017). *Logistics 4 . 0 - A challenge for simulation. December 2015*, 0–2. https://doi.org/10.1109/WSC.2015.7408428

Tjahjono, B. (2017). What does Industry 4 . 0 mean to Supply Chain ? *Procedia Manufacturing*, *13*, 1175–1182. https://doi.org/10.1016/j.promfg.2017.09.191

Verriet, J., & Caarls, J. (2013). Warehouse Simulation Through Model Configuration. *European Conference on Modelling and Simulation*, *May*. https://doi.org/10.7148/2013-0629

Windt, K., Bo, F., & Ã, T. P. (2007). *Autonomy in production logistics : Identification , characterisation and application*. https://doi.org/10.1016/j.rcim.2007.07.008

Winkelhaus, S., & Grosse, E. H. (2020). Logistics 4.0: a systematic review towards a new logistics system. *International Journal of Production Research*, *58*(1), 18–43. https://doi.org/10.1080/00207543.2019.1612964

Woschank, M., Rauch, E., & Zsifkovits, H. (2020). A review of further directions for artificial intelligence, machine learning, and deep learning in smart logistics.

Sustainability (Switzerland), *12*(9). https://doi.org/10.3390/su12093760

Yue, X., Cai, H., Yan, H., Zou, C., & Zhou, K. (2015). Cloud-assisted industrial cyber-physical systems: An insight. *Microprocessors and Microsystems*, *39*(8), 1262–1270. https://doi.org/10.1016/j.micpro.2015.08.013