

DAFTAR PUSTAKA

<https://www.bps.go.id/>

<https://kemenperin.go.id/artikel/22140/Transformasi-Industri-4.0-Permudah-Sektor-Manufaktur-Hadapi-Pandemi>

<https://www.leanindonesia.com>

<https://farmalkes.kemkes.go.id/kata-kunci/industri-farmasi/>

Adebanjo, et al. (2020). *Competitive Priorities, Employee Management and Development and Sustainable Manufacturing Performance in Asian Organizations*. MDPI

Ahyari, Agus. (1987). *Manajemen Produksi Pengendalian Produksi*. Yogyakarta: BPFE.

Asadi, N. et al. 2017. Linking Product Design To Flexibility In An Assembly System: A Case Study. *Journal of Manufacturing Technology Management*. Vol. 28 No. 5. 610–630

Ariesa, et al. 2020. *The Effect of Operating Costs, Trade Payables & Sales on Net Income in the Food & Beverage Company Sector Listed on the Indonesian Stock Exchange for the Period 2015-2018*. Budapest International Research and Critics Institute-Journal (BIRCI-Journal). Vol. 3 No. 4

Barreto, et al. (2017). *Industry 4.0 Implications In Logistics: An Overview*. *Procedia Manufacturing*. Vol. 13. 1245–1252.

Brettel, M., Friederichsen, N., Keller, M. and Rosenberg, M. (2014), "How virtualization, decentralization and network building change the manufacturing landscape: an Industry 4.0 perspective", *International Journal of Mechanical, Industrial Science and Engineering*, Vol. 8 No. 1, pp. 37-44

Buer, SV, Strandhagen, JO and Chan, FT (2018), "Hubungan antara Industri 4.0 dan lean manufacturing: memetakan penelitian saat

ini dan menetapkan agenda penelitian”, *International Journal of Production Research*, Vol. 56 No.8, hal.2924-2940.

Cauchan, et al. (2020). *Barriers To Industry 4.0 Adoption And Its Performance Implications: An Empirical Investigation Of Emerging Economy*. *Journal of Cleaner Production*

David, R., Stahre, J., Wuest, T., Noran, O., Bernus, P., Fast-Berglund, Å. and Gorecky, D. (2016), “*Towards an operator 4.0 typology: a human-centric perspective on the fourth industrial revolution technologies*”, *Proceedings of International Conference on Computers & Industrial Engineering (CIE46)*, Tianjin, 29-31 October

De Oliveira, R.I., Sousa, S.O. and De Campos, F.C. (2019), “*Lean manufacturing implementation: bibliometric analysis 2007–2018*”, *The International Journal of Advanced Manufacturing Technology*, Vol. 101 Nos 1/4, pp. 979-988.

Erro-Garces, A. (2019), “*Industry 4.0: defining the research agenda*”, *Benchmarking: An International Journal*. doi:10.1108/BIJ-12-2018-0444 (accessed 31 October 2019).

Gunasekaran, A., Patel, C. and Tirtiroglu, E. (2001), “*Performance measures and metrics in a supply chain environment*”, *International Journal of Operations & Production Management*, Vol. 21 Nos 1/2, pp. 71-87.

Ghobakhloo, Morteza and Fathi, Masood (2019). *Corporate survival in Industry 4.0 era: the enabling role of lean-digitized manufacturing*, *Journal of Manufacturing Technology Management* Vol. 31 No. 1, 2020 pp. 1-30

Ghozali, Imam. 2018. *Aplikasi Analisis Multivariate dengan Program IBM SPSS 25*. Badan Penerbit Universitas Diponegoro: Semarang

- Ghozali, I. (2016) *Aplikasi Analisis Multivariete Dengan Program IBM SPSS 23*. Edisi 8. Semarang: Badan Penerbit Universitas Diponegoro.
- Hair, J.F.Jr., Black, W.C., Babin, B.J., Anderson, R.E., Tatham, R.L. (2006). *Multivariate Data Analysis*, 6th ed. Upper Saddle River, New Jersey: Pearson Education Inc.
- Hair, Jr., Joseph F., et al. 2011. *Multivariate Data Analysis*. Fifth Edition. New Jersey: PrenticeHall, Inc.
- Hair, J.F., Risher, J.J., Sarstedt, M. and Ringle, C.M. (2019), "*When to use and how to report the results of PLS-SEM*", *European Business Review*, Vol. 31 No. 1, pp. 2-24. *Structural Equation Modeling (PLS-SEM)*, Sage, Thousand Oaks, CA.
- Hofmann, E. and Rüsçh, M. (2017), "*Industry 4.0 and the current status1 as well as future prospects on logistics*", *Computers in Industry*, Vol. 89, pp. 23-34.
- Kagermann, H., Helbig, J., Hellinger, A. and Wahlster, W. (2013), *Recommendations for Implementing the Strategic Initiative INDUSTRIE 4.0: Securing the Future of German Manufacturing Industry; Final Report of the Industrie 4.0 Working Group*, Forschungsunion.
- Kamble, et al. (2019). *Industry 4.0 and Lean Manufacturing Practices For Sustainable Organisational Performance In Indian Manufacturing Companies*. *International Journal of Production Research*.
- Khanchanapong, T., Prajogo, D., Sohal, A.S., Cooper, B.K., Yeung, A.C.L., and T.C.E. Cheng. 2014. "*The unique and complementary effects of manufacturing technologies and lean practices on manufacturing operational performance.*" *International Journal of Production Economics* 153: 191-203

- Krafcik, J.f. (1988), *Triumph of the lean production system*, Sloan Management Review.
- Landscheidt, S. and Kans, M. (2016), “*Automation practices in wood product industries: lessons learned, current practices and future perspectives*”, Proceedings of the 7th Swedish Production Symposium SPS, Lund, October 25–27.
- Liao, Y., Deschamps, F., Loures, E. and Ramos, L. (2017), “*Past, present and future of industry 4.0: a systematic literature review and research agenda proposal*”, International Journal of Production Research, Vol. 55 No. 12, pp. 3609-3629.
- Mathur, A., Mittal, M.L., and G.S. Dangayach. (2012). “*Improving productivity in Indian SMEs.*” Production Planning & Control 23(10-11): 754-768.
- Malhotra, N.K. (2007). *Marketing Research: An Applied Orientation*, International ed. Upper Saddle River, NJ: Pearson Education, Inc.
- Mayr, A., Weigelt, M., Kühl, A., Grimm, S., Erll, A., Potzel, M. and Franke, J. (2018), “*Lean 4.0 – a conceptual conjunction of lean management and industry 4.0*”, Procedia Cirp, Vol. 72, pp. 622-628.
- Muhuri, P.K., Shukla, A.K. and Abraham, A. (2019), “Industry 4.0: a bibliometric analysis and detailed overview”, *Engineering Applications of Artificial Intelligence*, Vol. 78, pp. 218-235.
- Nabass, E.H. and Abdallah, A.B. (2018), “*Agile manufacturing and business performance: the indirect effects of operational performance dimensions*”, *Business Process Management Journal*, Vol. 25 No. 4, pp. 647-666, doi: 10.1108/BPMJ-07-2017-0202.
- Nallusamy, S. (2016), “*Lean manufacturing implementation in a gear shaft manufacturing company using value stream mapping*”, In

- International Journal of Engineering Research in Africa. Trans Tech Publications Ltd, Vol. 21, pp. 231-237.
- Nawanir, G., Teong, K.T., Othman, S.N (2013). *Impact of lean practices on operations performance and business performance: Some evidences from Indonesian manufacturing companies*, Journal on Manufacturing Technology Management Vol. 24 No 7, Emerald Group Publishing Limited.
- Negrão, L.L.L., Godinho Filho, M. and Marodin, G., 2017. *Lean practices and their effect on performance: a literature review*. Production Planning & Control, 28(1), pp.33-56.
- Ningsih, M. (2018). *Pengaruh Perkembangan Revolusi Industri 4.0 dalam Dunia Teknologi di Indonesia*. Fakultas Komputer, Universitas Mitra Indonesia. Bandar Lampung.
- Piercy, N., and N. Rich. 2015. "The relationship between lean operations and sustainable operations." International Journal of Operations & Production Management 35(2):282-315.
- Prasetyo, H., dan Sutopo, W. (2018). *Industri 4.0: Telaah Klasifikasi Aspek dan Arah Perkembangan Riset*. Jurnal Teknik Industri, Vol. 13, No. 1. Universitas Diponegoro: Surakarta
- Quezada, L., da Costa, S. and Tan, K. (2017), "Operational excellence towards sustainable development goals through Industry 4.0", International Journal of Production Economics, Vol. 190, pp. 1-2
- Radnor, Z., and R. Johnston. 2013. "Lean in UK Government: internal efficiency or customerservice?" Production Planning & Control 24(10-11):903-915.
- Rejikumar, G., Arunprasad, P., Persis, J. and Sreeraj, K.M. (2019), "Industry 4.0: key findings and analysis from the literature arena", *Benchmarking: An International Journal*. doi:10.1108/BIJ-09-2018-0281 (accessed 31 October 2019).

- Rossini, M., Costa, F., Tortorella, G.L. and Portioli-Staudacher, A. (2019), "The interrelation between Industry 4.0 and lean production: an empirical study on European manufacturers", *The International Journal of Advanced Manufacturing Technology* (forthcoming)
- Ruiz Garcia, M.A., Rojas, L. Gualtieri, E. Rauch, and D. Matt. (2019). A human-in-the-loop cyber-physical system for collaborative assembly in smart manufacturing. *Procedia CIRP* 81: 600–605. <https://doi.org/10.1016/j.procir.2019.03.162>
- Sabrin, et al. (2016). *The Effect of Profitability on Firm Value in Manufacturing Company at Indonesia Stock Exchange. International Journal of Engineering Science*. Vol. 5 No. 10
- Sachin dan Angappa. (2020). *Analyzing the role of Industry 4.0 Technologies and Circular Economy Practices in Improving Sustainable Performance in Indian Manufacturing Organizations*.
- Safira, Mitftah (2021). *Pengaruh Industry 4.0 Adoption Dan Lean Manufacturing Practies Terhadap Manufacturing Performance*. Masters thesis Medan: Universitas Sumatera Utara
- Sanders, et al. (2016). *Industry 4.0 Implies Lean Manufacturing: Research Activities in Industry 4.0 Function as Enablers for Lean Manufacturing*. Germany: Journal of Industrial Engineering and Management. Vol. 9 No. 3.
- Sanders, A., Subramanian, K.R., Redlich, T. and Wulfsberg, J.P. (2017), "Industry 4.0 and lean management – synergy or contradiction?", *IFIP International Conference on Advances in Production Management Systems*. Springer, Cham, pp. 341-349.

- Schroeder, R. G, Anderson, J.C., and Cleveland, G. 1986. The Content of Manufacturing Strategy. *Journal of Operation Management*, 6, 4, pp, 367-387.
- Schroeder, R. G. (2018). *Operations Management in The Supply Chain: Decision and Cases (7thed)*. New York, USA: McGraw-Hill Education.
- Shah, R. and Ward, P.T. (2003), "Lean manufacturing: context, practice bundles, and performance", *Journal of Operations Management*, Vol. 21 No. 2, pp. 129-149.
- Shah, R. and Ward, P.T. (2007), "Defining and developing measures of lean production", *Journal of Operations Management*, Vol. 25 No. 4, pp. 785-805.
- Sharma, and Modgil, (2019), "TQM, SCM and operational performance: an empirical study of Indian pharmaceutical industry", *Business Process Management Journal* Vol. 26 No. 1, 2020 pp. 331-370.
- Stimec dan Grima. 2018. *The Impact Of Implementing Continuous Improvement Upon Stress Within A Lean Production Framework*. International Journal of Production Research.
- Sugiyono. 2015. *Metode Penelitian Pendekatan Kuantitatif, Kualitatif dan R&D*. Bandung: Penerbit Alfabeta
- Sukaria Sinulingga, 2015, *Perencanaan dan Pengendalian Produksi*, Graha Ilmu, Yogyakarta.
- Sung, T.K. (2018), "Industry 4.0: a Korea perspective", *Technological Forecasting and Social Change*, Vol.132, pp. 40-45, doi: 10.1016/j.techfore.2017.11.005
- Taghavi dan Yvan. 2020. *The Relationship between Lean and Industry 4.0: Literature Review*. Detroit: 5th North American Conference on Industrial Engineering and Operations Management.

- Tortorella, GL dan Fettermann, D. (2018), "Implementasi Industri 4.0 dan produksi ramping di perusahaan manufaktur Brasil", *Jurnal Internasional Riset Produksi*, Vol.56 No.8, hal.2975-2987.
- Tortorella, *et al.* (2019), "*Industry 4.0 adoption as a moderator of the impact of lean production practices on operational performance improvement*", *International Journal of Operations & Production Management* Vol. 39 No. 6/7/8, 2019 pp. 860-886.
- Vacek, J. (2016), "*Socio-economic aspects of Industry 4.0*", *Innovation Management, Entrepreneurship and Corporate Sustainability (IMECS 2016)*, Vysoká škola ekonomická v Praze, pp. 731-741.
- Walpole, Ronald E.; "*Pengantar Statistika*", edisi ke-3, Penerbit PT. Gramedia Pustaka Utama, Jakarta, 1995.
- Wirawan, Hendra. dan Yunus, Erlinda N. (2022) *Pengaruh Praktik Lean Manufacturing Terhadap Profitabilitas Melalui Minimisasi Persediaan di Industri Elektronik Dan Otomotif di Indonesia*. *Jurnal Aplikasi Manajemen dan Bisnis*, Vol. 8 No.2, Mei 2022
- Womack, J dan Jones, D. 2003. *Lean Thinking: Banis Waste and Create Wealth in Your Corporation*. Edition revised and updated. NY: Free Press.
- World Economic Forum (WEF). (2015). *New Vision for Education: Unlocking The Potential of Technology*. Geneva: WEF
- Yunus, Erlinda N. (2020) *The Mark of Industry 4.0: How Managers Respond to Key Revolutionary Changes*. *International Journal of Productivity and Performance Management*. ISSN 1741-0401 .
- Yunus, M., Mitrohardjono, M., 2020, *Pengembangan Tehnologi Di Era Industri 4.0 Dalam Pengelolaan Pendidikan Sekolah Dasar Islam Plus Baitul Maal*. Masters thesis. Jakarta: Universitas Muhamadiyah Jakarta.

Zhang, X., Peek, W.A., Pikas, B. and Lee, T. (2016), "The transformation and upgrading of the Chinese manufacturing industry: based on 'German Industry 4.0', *Journal of Applied Business and Economics*, Vol. 18 No. 5, pp. 97-105.