

DAFTAR PUSTAKA

- Abdulmalek, F. A., dan Rajgopal, J., 2007, Analyzing the benefits of lean manufacturing and value stream mapping via simulation: A process sector case study, *International Journal of Production Economics*, 107(1), 223–236 <https://doi.org/10.1016/j.ijpe.2006.09.009>
- Achanga, P., Shehab, E., Roy, R., dan Nelder, G., 2006, Critical success factors for lean implementation within SMEs, *Journal of Manufacturing Technology Management*, 17(4), 460–471 <https://doi.org/10.1108/17410380610662889>
- Afshar, M., Hadji Molana, S. Y., dan Rahmani Parchicolaie, B., 2024, A Multi Objective Optimization Model for Multi-commodity Closed-loop Supply Chain Network Considering Disruption Risk, *International Journal of Engineering*, 37(4), 646–661 <https://doi.org/10.5829/ije.2024.37.04a.07>
- Alefari, M., Salonitis, K., dan Xu, Y., 2017, The Role of Leadership in Implementing Lean Manufacturing, *Procedia CIRP*, 63, 756–761 <https://doi.org/10.1016/j.procir.2017.03.169>
- Alfiansyah, R., dan Kurniati, N., 2018, Identifikasi Waste dengan Metode Waste Assessment Model dalam Penerapan Lean Manufacturing untuk Perbaikan Proses Produksi (Studi Kasus pada Proses Produksi Sarung Tangan), *Jurnal Teknik ITS*, 7(1), 1–6 <https://doi.org/10.12962/j23373539.v7i1.28858>
- Alkhoraif, A., Rashid, H., dan McLaughlin, P., 2019, Lean implementation in small and medium enterprises: Literature review, *Operations Research Perspectives*, 6(November 2018), 100089 <https://doi.org/10.1016/j.orp.2018.100089>
- Andi, D., dan Winarto, Y., 2023, Ekspor Batik Nasional Ditargetkan Mencapai US\$ 100 Juta pada 2023, In *kontan.co.id* <https://industri.kontan.co.id/news/ekspor-batik-nasional-ditargetkan-mencapai-us-100-juta-pada-2023>
- Azian, N., Rahman, A., Mohd, S., dan Mohamed, M., 2013, Lean Manufacturing Case Study with Kanban System Implementation, *Procedia Economics and Finance*, 7(Icebr), 174–180 [https://doi.org/10.1016/S2212-5671\(13\)00232-3](https://doi.org/10.1016/S2212-5671(13)00232-3)
- Belekoukias, I., Garza-Reyes, J. A., dan Kumar, V., 2014, The impact of lean methods and tools on the operational performance of manufacturing organisations,

- International Journal of Production Research*, 52(18), 5346–5366
<https://doi.org/10.1080/00207543.2014.903348>
- Belhadi, A., Touriki, F. E., dan El Fezazi, S., 2017, Prioritizing the solutions of lean implementation in SMEs to overcome its barriers: An integrated fuzzy AHP-TOPSIS approach, *Journal of Manufacturing Technology Management*, 28(8), 1115–1139 <https://doi.org/10.1108/JMTM-04-2017-0066>
- Bhadu, J., Singh, D., dan Bhamu, J., 2022, Analysis of lean implementation barriers in Indian ceramic industries: modeling through an interpretive ranking process, *International Journal of Productivity and Performance Management*, 71(8), 3606–3635 <https://doi.org/10.1108/IJPPM-10-2020-0540>
- BPS, 2023, *Perkembangan Industri Manufaktur Daerah Istimewa Yogyakarta 2022* [http://files/944/Perkembangan Industri Manufaktur Daerah Istimewa Yogyakarta 2022.pdf](http://files/944/Perkembangan%20Industri%20Manufaktur%20Daerah%20Istimewa%20Yogyakarta%202022.pdf)
- Braglia, M., Carmignani, G., dan Zammori, F., 2006, A new value stream mapping approach for complex production systems, *International Journal of Production Research*, 44(18–19), 3929–3952 <https://doi.org/10.1080/00207540600690545>
- Brown, A., Amundson, J., dan Badurdeen, F., 2014, Sustainable value stream mapping (Sus-VSM) in different manufacturing system configurations: Application case studies, *Journal of Cleaner Production*, 85, 164–179 <https://doi.org/10.1016/j.jclepro.2014.05.101>
- Caldera, H. T. S., Desha, C., dan Dawes, L., 2019, Evaluating the enablers and barriers for successful implementation of sustainable business practice in ‘lean’ SMEs, *Journal of Cleaner Production*, 218, 575–590 <https://doi.org/10.1016/j.jclepro.2019.01.239>
- Chaple, A. P., Narkhede, B. E., Akarte, M. M., dan Raut, R., 2021, Modeling the lean barriers for successful lean implementation: TISM approach, *International Journal of Lean Six Sigma*, 12(1), 98–119 <https://doi.org/10.1108/IJLSS-10-2016-0063>
- Cherrafi, A., Elfezazi, S., Govindan, K., Garza-Reyes, J. A., Benhida, K., dan Mokhlis, A., 2017, A framework for the integration of Green and Lean Six Sigma for superior sustainability performance, *International Journal of Production Research*, 55(15), 4481–4515 <https://doi.org/10.1080/00207543.2016.1266406>

- Chiarini, A., 2013, Lean Organization: from the Tools of the Toyota Production System to Lean Office, In *Perspectives in Business Culture* (Vol. 3), Springer Milan
<https://doi.org/https://doi.org/10.1007/978-88-470-2510-3>
- Choomlucksana, J., Ongsaranakorn, M., dan Suksabai, P., 2015, Improving the Productivity of Sheet Metal Stamping Subassembly Area Using the Application of Lean Manufacturing Principles, *Procedia Manufacturing*, 2, 102–107
<https://doi.org/10.1016/j.promfg.2015.07.090>
- Cil, I., dan Turkan, Y. S., 2013, An ANP-based assessment model for lean enterprise transformation, *International Journal of Advanced Manufacturing Technology*, 64(5–8), 1113–1130 <https://doi.org/10.1007/s00170-012-4047-x>
- Coetzee, R., van Dyk, L., dan van der Merwe, K. R., 2019, Towards addressing respect for people during lean implementation, *International Journal of Lean Six Sigma*, 10(3), 830–854 <https://doi.org/10.1108/IJLSS-07-2017-0081>
- Coughlan, P., dan Coghlan, D., 2002, Action research for operations management, *International Journal of Operations and Production Management*, 22(2), 220–240
<https://doi.org/10.1108/01443570210417515>
- Dickson, E. W., Singh, S., Cheung, D. S., Wyatt, C. C., dan Nugent, A. S., 2009, Application of Lean Manufacturing Techniques in the Emergency Department, *The Journal of Emergency Medicine*, 37(2), 177–182
<https://doi.org/10.1016/j.jemermed.2007.11.108>
- Dombrowski, U., dan Mielke, T., 2013, Lean Leadership - Fundamental principles and their application, *Procedia CIRP*, 7 <https://doi.org/10.1016/j.procir.2013.06.034>
- Dutta, G., Kumar, R., Sindhvani, R., dan Singh, R. K., 2020, Digital transformation priorities of India's discrete manufacturing SMEs – a conceptual study in perspective of Industry 4.0, *Competitiveness Review: An International Business Journal*, 30(3), 289–314 <https://doi.org/10.1108/CR-03-2019-0031>
- Farias, L. M. S., Santos, L. C., Gohr, C. F., dan Rocha, L. O., 2019, An ANP-based approach for lean and green performance assessment, *Resources, Conservation and Recycling*, 143(October 2018), 77–89
<https://doi.org/10.1016/j.resconrec.2018.12.004>

- Forno, A. J. D., Pereira, F. A., Forcellini, F. A., dan Kipper, L. M., 2014, Value stream mapping: A study about the problems and challenges found in the literature from the past 15 years about application of Lean tools, *International Journal of Advanced Manufacturing Technology*, 72(5–8), 779–790 <https://doi.org/10.1007/s00170-014-5712-z>
- Forrester, P. L., Shimizu, U. K., Soriano-Meier, H., Garza-Reyes, J. A., dan Basso, L. F. C., 2010, Lean production, market share and value creation in the agricultural machinery sector in Brazil, *Journal of Manufacturing Technology Management*, 21(7), 853–871 <https://doi.org/10.1108/17410381011077955>
- Gadolin, C., 2019, The influence of policy makers over Lean implementations in healthcare, *International Journal of Health Governance*, 24(3), 222–229 <https://doi.org/10.1108/IJHG-02-2019-0016>
- Gandhawangi, S., 2022, Pandemi, Banyak Pembatik Beralih Profesi, In *Kompas.id* <https://www.kompas.id/baca/dikbud/2022/02/24/regenerasi-pembatik-masih-menjadi-isu>
- Garza-Reyes, J. A., Al-Balushi, M., Antony, J., dan Kumar, V., 2016, A Lean Six Sigma framework for the reduction of ship loading commercial time in the iron ore pelletising industry, *Production Planning and Control*, 27(13), 1092–1111 <https://doi.org/10.1080/09537287.2016.1185188>
- Garza-Reyes, J. A., Torres Romero, J., Govindan, K., Cherrafi, A., dan Ramanathan, U., 2018, A PDCA-based approach to Environmental Value Stream Mapping (E-VSM), *Journal of Cleaner Production*, 180, 335–348 <https://doi.org/10.1016/j.jclepro.2018.01.121>
- Gnanaraj, S. M., Devadasan, S. R., Muruges, R., dan Shalij, P. R., 2010, DOLADMAICS: a model for implementing Lean Six Sigma in contemporary SMEs, *Int. J. Services and Operations Management*, 7(4) <https://doi.org/https://doi.org/10.1504/IJSOM.2010.035707>
- Gutierrez, D. M., Scavarda, L. F., Fiorencio, L., dan Martins, R. A., 2015, Evolution of the performance measurement system in the Logistics Department of a broadcasting company: An action research, *International Journal of Production Economics*, 160, 1–12 <https://doi.org/10.1016/j.ijpe.2014.08.012>

- Hamad, W. A., Crowe, J., dan Arisha, A., 2012, Towards leaner healthcare facility: Application of simulation modelling and value stream mapping, *1st International Workshop on Innovative Simulation for Health Care, IWISH 2012, Held at the International Multidisciplinary Modeling and Simulation Multiconference, I3M 2012, September*, 149–155
- Henrique, D. B., Rentes, A. F., Filho, M. G., dan Esposto, K. F., 2016, A new value stream mapping approach for healthcare environments, *Production Planning and Control*, 27(1), 24–48 <https://doi.org/10.1080/09537287.2015.1051159>
- Hines, P., Holwe, M., dan Rich, N., 2004, Learning to evolve: A review of contemporary lean thinking, *International Journal of Operations and Production Management*, 24(10), 994–1011 <https://doi.org/10.1108/01443570410558049>
- Hu, Q., Mason, R., Williams, S. J., dan Found, P., 2015, Lean implementation within SMEs: a literature review, *Journal of Manufacturing Technology Management*, 26(7), 980–1012 <https://doi.org/10.1108/JMTM-02-2014-0013>
- Huynh, T. N., 2021, Determinants of the performance of small and medium-sized enterprises in emerging markets, *International Journal of Productivity and Performance Management*, 71(8), 3160–3178 <https://doi.org/10.1108/IJPPM-08-2020-0440>
- Indrawati, S., Alfina, B. K., dan Riadho, C. S., 2018, Model Development of Lean Action Plan Selection to Reduce Production Waste in Batik Industry, *2018 4th International Conference on Science and Technology (ICST)*, 1–5 <https://doi.org/10.1109/ICSTC.2018.8528625>
- Jeyaraj, K. L., Muralidharan, C., Mahalingam, R., dan Deshmukh, S. G., 2013, Applying Value Stream Mapping Technique for Production Improvement in a Manufacturing Company: A Case Study, *Journal of The Institution of Engineers (India): Series C*, 94(1), 43–52 <https://doi.org/10.1007/s40032-012-0053-x>
- Kemenperin, 2019, *Selain Padat Karya, Industri Batik Punya Orientasi Ekspor* <https://kemenperin.go.id/artikel/21115/Selain-Padat-Karya,-Industri-Batik-Punya-Orientasi-Ekspor>

- Khan, Z., Bali, R. K., dan Wickramasinghe, N., 2007, Developing a BPI framework and PAM for SMEs, *Industrial Management and Data Systems*, 107(3), 345–360
<https://doi.org/10.1108/02635570710734262>
- Kolla, S., Minufekr, M., dan Plapper, P., 2019, Deriving essential components of lean and industry 4.0 assessment model for manufacturing SMEs, *Procedia CIRP*, 81, 753–758 <https://doi.org/10.1016/j.procir.2019.03.189>
- Kumar, Dhingra, A., dan Singh, B., 2018, Lean-Kaizen implementation: A roadmap for identifying continuous improvement opportunities in Indian small and medium sized enterprise, *Journal of Engineering, Design and Technology*, 16(1), 143–160
<https://doi.org/10.1108/JEDT-08-2017-0083>
- Kumar, S., dan Phrommathed, P., 2006, Improving a manufacturing process by mapping and simulation of critical operations, *Journal of Manufacturing Technology Management*, 17(1), 104–132 <https://doi.org/10.1108/17410380610639533>
- Kumar, Shahzeb Hasan, S., Srivastava, K., Akhtar, R., Kumar Yadav, R., dan Choubey, V. K., 2022, Lean manufacturing techniques and its implementation: A review, *Materials Today: Proceedings*, 64, 1188–1192
<https://doi.org/10.1016/j.matpr.2022.03.481>
- Lizotte-Latendresse, S., dan Beauregard, Y., 2018, Implementing self-service business analytics supporting lean manufacturing: A state-of-the-art review, *IFAC-PapersOnLine*, 51(11), 1143–1148
<https://doi.org/https://doi.org/10.1016/j.ifacol.2018.08.436>
- Marriott, B., Garza-Reyes, J. A., Soriano-Meier, H., dan Antony, J., 2013, An integrated methodology to prioritise improvement initiatives in low volume-high integrity product manufacturing organisations, *Journal of Manufacturing Technology Management*, 24(2), 197–217 <https://doi.org/10.1108/17410381311292304>
- Mathiyazhagan, K., Gnanavelbabu, A., Kumar, N., dan Agarwal, V., 2022, A framework for implementing sustainable lean manufacturing in the electrical and electronics component manufacturing industry: An emerging economies country perspective, *Journal of Cleaner Production*, 334(March 2021), 130169
<https://doi.org/10.1016/j.jclepro.2021.130169>

- Moerdijat, L., 2024, *Hubungan yang Kuat antara Sektor Industri dan UMKM Harus segera Diwujudkan* <https://www.mpr.go.id/berita/Hubungan-yang-Kuat-antara-Sektor-Industri-dan-UMKM-Harus-segera-Diwujudkan>
- Mostafa, S., Dumrak, J., dan Soltan, H., 2013, A framework for lean manufacturing implementation, *Production and Manufacturing Research*, 1(1), 44–64 <https://doi.org/10.1080/21693277.2013.862159>
- Nash, M. A., dan Poling, S. R., 2011, *Mapping the total value stream: a comprehensive guide for production and transactional processes*, CRC Press
- Nawawi, M. T., Wiryawan, Z., dan Dhiah, R., 2019, Management Implementation of Batik SME Strategy in JAMBI, *Journal of Business and Social Review in Emerging Economies*, 5(2), 379–388 <https://doi.org/10.26710/jbsee.v5i2.816>
- Negrão, L. L. L., Godinho Filho, M., Ganga, G. M. D., Chopra, S., Thürer, M., Sacomano Neto, M., dan Marodin, G. A., 2019, Lean manufacturing implementation in regions with scarce resources: A survey in the Amazon Region of Brazil, *Management Decision*, 58(2), 313–343 <https://doi.org/10.1108/MD-10-2018-1082>
- Netland, T. H., Schloetzer, J. D., dan Ferdows, K., 2015, Implementing corporate lean programs : The effect of management control practices, *Journal of Operations Management*, 36, 90–102 <https://doi.org/10.1016/j.jom.2015.03.005>
- Neves, P., Silva, F. J. G., Ferreira, L. P., Pereira, T., Gouveia, A., dan Pimentel, C., 2018, Implementing Lean Tools in the Manufacturing Process of Trimmings Products, *Procedia Manufacturing*, 17, 696–704 <https://doi.org/10.1016/j.promfg.2018.10.119>
- Pearce, A., Pons, D., dan Neitzert, T., 2018, Implementing lean—Outcomes from SME case studies, *Operations Research Perspectives*, 5, 94–104 <https://doi.org/10.1016/j.orp.2018.02.002>
- Prashar, A., 2017, Adopting PDCA (Plan-Do-Check-Act) cycle for energy optimization in energy-intensive SMEs, *Journal of Cleaner Production*, 145, 277–293 <https://doi.org/10.1016/j.jclepro.2017.01.068>
- Psomas, E., Antony, J., dan Bouranta, N., 2018, Assessing Lean adoption in food SMEs: Evidence from Greece, *International Journal of Quality and Reliability Management*, 35(1), 64–81 <https://doi.org/10.1108/IJQRM-05-2016-0061>

- Putri, C. N., 2024, April 25, *Regenerasi Perajin Batik Menurun, Sudah Siap dengan Ancaman Serius yang Mungkin Terjadi?*, Regenerasi Perajin Batik Menurun, Sudah Siap dengan Ancaman Serius yang Mungkin Terjadi?
<https://www.parapuan.co/read/533507546/regenerasi-perajin-batik-menurun-sudah-siap-dengan-ancaman-serius-yang-mungkin-terjadi>
- Qassim, O., Garza-Reyes, J. A., Lim, M. K., dan Kumar, V., 2015, Integrating value stream mapping and PDCA to improve the operations of a pharmaceutical organisation in Pakistan, *23rd International Conference for Production Research, ICPR 2015, May 2017*
- Rachman, A., dan Ratnayake, R. M. C., 2019, Adoption and implementation potential of the lean concept in the petroleum industry: state-of-the-art, *International Journal of Lean Six Sigma*, 10(1), 311–338 <https://doi.org/10.1108/IJLSS-10-2016-0065>
- Ramadas, T., dan Satish, K. P., 2018, Identification and modeling of employee barriers while implementing lean manufacturing in small- and medium-scale enterprises, *International Journal of Productivity and Performance Management*, 67(3), 467–486 <https://doi.org/10.1108/IJPPM-10-2016-0218>
- Rinawati, D. I., Sari, D. P., W.P., S. N., Muljadi, F., dan Lestari, S. P., 2013, Pengelolaan Produksi Menggunakan Pendekatan Lean And Green Untuk Menuju Industri Batik Yang Berkelanjutan (Studi Kasus Di UKM Batik Puspa Kencana), *J@ti Undip: Jurnal Teknik Industri*, 8(1), 43–50
- Rother, M., dan Shook, J., 1999, *Learning to see: value stream mapping to add value and eliminate muda*, Lean Enterprise Institute
- Saboo, A., Reyes, J. A. G., Er, A., dan Kumar, V., 2014, A VSM improvement-based approach for lean operations in an Indian manufacturing SME, *International Journal of Lean Enterprise Research*, 1(1), 41 <https://doi.org/10.1504/ijler.2014.062281>
- Salonitis, K., dan Tsinopoulos, C., 2016, Drivers and Barriers of Lean Implementation in the Greek Manufacturing Sector, *Procedia CIRP*, 57, 189–194 <https://doi.org/10.1016/j.procir.2016.11.033>
- Shadish, W. R., Cook, T. D., dan Campbell, D. T., 2002, *Experimental and Quasi-Experimental Designs for Generalized Causal Inference* (3rd ed.), Houghton

- Mifflin Company files/360/Shadish et al. - 2002 - Experimental and Quasi-Experimental Designs for Ge.pdf
- Shafaghizadeh, S., Ebrahimnejad, S., Navabakhsh, M., dan Sajadi, S. M., 2021, Proposing a model for a resilient supply chain: A meta-heuristic algorithm, *International Journal of Engineering*, 34(12), 2566–2577
<https://doi.org/10.5829/ije.2021.34.12c.01>
- Siegel, R., Antony, J., Garza-Reyes, J. A., Cherrafi, A., dan Lameijer, B., 2019, Integrated green lean approach and sustainability for SMEs: From literature review to a conceptual framework, *Journal of Cleaner Production*, 240
<https://doi.org/10.1016/j.jclepro.2019.118205>
- Sundar, R., Balaji, A. N., dan Kumar, R. M. S., 2014, A Review on Lean Manufacturing Implementation Techniques, *Procedia Engineering*, 97, 1875–1885
<https://doi.org/10.1016/j.proeng.2014.12.341>
- Susanti, E., Mulyanti, R. Y., dan Wati, L. N., 2023, MSMEs performance and competitive advantage: Evidence from women's MSMEs in Indonesia, *Cogent Business and Management*, 10(2), 2239423
<https://doi.org/10.1080/23311975.2023.2239423>
- Thomas, T., Sherman, S. R., Sawhney, R. S., 2018, Application of lean manufacturing principles to improve a conceptual 238Pu supply process, *Journal of Manufacturing Systems*, 46, 1–12 <https://doi.org/10.1016/j.jmsy.2017.10.007>
- Valinejad, F., Safaie, N., Rahmani, D., Saadatmand, M. R., 2022, A Hybrid Model for Supply Chain Risk Management Based on Five-dimensional Sustainability Approach in Telecommunication Industry, *International Journal of Engineering*, 35(6), 1096–1110 <https://doi.org/10.5829/ije.2022.35.06c.01>
- Verma, N., Sharma, V., 2017, Sustainable competitive advantage by implementing lean manufacturing 'a Case study for Indian SME', *Materials Today: Proceedings*, 4(8), 9210–9217 <https://doi.org/10.1016/j.matpr.2017.07.279>
- Wibowo, G. A., Duhri, M. K., 2023, April 25, *Minim Regenerasi, Perajin Batik Tulis Didominasi Usia 30 Tahun ke Atas*, Solopos.com
<https://bisnis.solopos.com/minim-regenerasi-perajin-batik-tulis-didominasi-usia-30-tahun-ke-atas-1594758>

- Wills, B., 2009, *Green Intentions: Creating a Green Value Stream to Compete and Win*, Productivity Press <https://doi.org/10.1017/CBO9781107415324.004>
- Wilson, L., 2010, *How To Implement Lean Manufacturing*, McGraw-Hill Professional
- Wisnubrata, D. B., 2023, Regenerasi Perajin dari Generasi Muda Jadi Solusi Pelestarian Batik, In *Kompas.com* <https://lifestyle.kompas.com/read/2023/10/03/194144720/regenerasi-perajin-dari-generasi-muda-jadi-solusi-pelestarian-batik>
- Yadav, G., Luthra, S., Huisingh, D., Mangla, S. K., Narkhede, B. E., Liu, Y., 2020, Development of a lean manufacturing framework to enhance its adoption within manufacturing companies in developing economies, *Journal of Cleaner Production*, 245, 118726 <https://doi.org/10.1016/j.jclepro.2019.118726>
- Zargun, S., Al-Ashaab, A., 2014, Critical Success Factors for Lean Manufacturing: A Systematic Literature Review an International Comparison between Developing and Developed Countries, *Advanced Materials Research*, 845, 668–681 <https://doi.org/10.4028/www.scientific.net/AMR.845.668>
- Zhang, M., Wang, W., Goh, T. N., He, Z., 2015, Comprehensive Six Sigma application: a case study, *Production Planning and Control*, 26(3), 219–234 <https://doi.org/10.1080/0953>(Alfiansyah & Kurniati, 2018)