DAFTAR PUSTAKA

Advanced Manufacturing Technology (2021) 118:2901–2914. https://doi.org/10.1007/s00170-021-08068-1.

Ardiyanto. (2025). Metode Asesmen dalam Ergonomika. Dalam H. Akbar (Ed.), Ergonomi Fisiologi Kerja. CV Media Sains Indonesia, Bandung.

Borghi, Simone et al. (2025). *Assessing operator stress in collaborative robotics: a multimodal approach.* Applied ergonomic 123. https://doi.org/10.1016/j.apergo.2024.104418.

Cardoso, A., Colim, A., Bicho, E., Braga, A. C., Menozzi, M., & Arezes, P. (2021). Ergonomics and human factors as a requirement to implement safer collaborative robotic workstations: A literature review. Safety, 7(4), 71. https://doi.org/10.3390/safety7040071

Colim, A et al. (2021). *Physical ergonomic improvement and safe design of an assembly workstation through collaborative robotics. Safety, 7*(1), 14. https://doi.org/10.3390/safety7010014

Creswell, J.W. (2014). *Research design: Qualitative, quantitative, and mixed methods approaches* (4th ed.). Thousand Oaks, CA: Sage.

Darmanin, Benjamin et al. (2024). *A Systematic Design Approach for Cognitively Ergonomic Collaborative Robotic Workspaces*. Procedia CIRP 130 (2024) 853–860.

Fu, Yonglin et al. (2025). *A virtual reality-based ergonomic assessment approach for human-robot collaboration workstation design in modular construction manufacturing.* Advanced engineering informatics 64. https://doi.org/10.1016/j.aei.2024.103054.

Garg, A., Moore, J. S., & Kapellusch, J. M. (2016). The Revised Strain Index: An improved upper extremity exposure assessment model. Ergonomics, 60(7), 912-922.

Granata, Irene et al. (2024). *Industry 5.0: prioritizing human comfort and productivity through collaborative robots and dynamic task allocation.* Procedia Computer Science Volume 232, 2024 Pages 2137 – 2146. https://doi.org/10.1016/j.procs.2024.02.144.

Halim, M. A., & Rosyada, Z. F. (2024). Analisis beban kerja mental menggunakan NASA-TLX pada welder proyek jembatan rangka jalur KA Solo Balapan – Kadipiro dan saran perbaikan (Studi Kasus: PT Wijaya Karya Industri & Konstruksi).

Hedge, A. (2000). *Rapid Entire Body Assessment (REBA)*. Cornell University.

Hennekens, C. H., & Buring, J. E. (1987). Epidemiology in Medicine. Boston: Little, Brown and Company.

International Organization for Standardization. (2016). *ISO/TS 15066:2016 - Robots and robotic devices — Collaborative robots*. ISO. https://www.iso.org/standard/62996.html

International Organization for Standardization. (2025). *ISO 10218-1:2025 - Robotics — Safety requirements — Part 1: Industrial robots*

International Organization for Standardization. (2025). *ISO 10218-2:2025 - Robotics — Safety requirements — Part 2: Industrial robots applications and robot cells.*

Keshvarparast, Ali et al. (2024). *Ergonomic design of Human-Robot collaborative workstation in the Era of Industry 5.0.* Computers & Industrial Engineering 198 (2024) 110729. https://doi.org/10.1016/j.cie.2024.110729.

Kementerian Ketenagakerjaan Republik Indonesia. (2018). *Peraturan Menteri Ketenagakerjaan Nomor 5 Tahun 2018 tentang Keselamatan dan Kesehatan Kerja Lingkungan Kerja*. Jakarta: Kementerian Ketenagakerjaan.

Morgado, Rita et al. (2021). *Lean Manufacturing and Ergonomikacs Integration: Defining Productivity and Wellbeing Indicators in a Human–Robot Workstation.* Sustainability 2021, 13, 1931. https://doi.org/10.3390/su13041931.

Mura, Michella et al. (2021). Job rotation and human–robot collaboration for enhancing ergonomics in assembly lines by a genetic algorithm. The International Journal of Advanced Manufacturing Technology.

Maxwell, S. E., & Delaney, H. D. (2004). Designing experiments and analyzing data: A model comparison perspective (2nd ed.). Mahwah, NJ: Lawrence Erlbaum Associates.

NASA AMES Research Center. NASA Task Load Index (TLX) v. 1.0.

Nurdiana, & Pandin, M. G. R. (2021). ***Industrial revolution: A history of industrial revolution and its influence in manufacturing companies***. *Historia Madania: Jurnal Ilmu Sejarah, 5(*2). https://doi.org/10.15575/hm.v5i2.13063

Occupational Health and Safety Council of Ontario. (2007). Preventing musculoskeletal disorders (MSDs): A practitioner's guide. Ontario Ministry of Labour. https://www.ontario.ca/document/preventing-msds-practitioners-guide

Pemerintah Republik Indonesia. (2012). Peraturan Pemerintah Nomor *50 Tahun 2012 tentang Sistem Manajemen Keselamatan dan Kesehatan Kerja*. Jakarta: Pemerintah Republik Indonesia.

Shenzhen Yuejiang Technology Co., Ltd. (2023). *Dobot CR Series User Guide (Issue: V1.3, Date: 2023-07-19)*. Shenzhen Yuejiang Technology Co., Ltd.

Su, Bingyi et al. (2024). *Exploring the impact of Human-robot interaction on worker's mental stress in collaborative assembly tasks.* Science Direct.

Zhang, Minqi et al. (2024). *Ergonomic evaluation of Human-robot collaborative order picking: a combined laboratory and simulation study*. IFAC PapersOnLine 58-19 (2024) 1042 – 1047.

The jamovi project (2022). *jamovi*. (Version 2.3) [Computer Software]. Retrieved from https://www.jamovi.org.

R Core Team (2021). *R: A Language and environment for statistical computing*. (Version 4.1) [Computer software]. Retrieved

from https://cran.r-project.org. (R packages retrieved from MRAN snapshot 2022-01-01).

Fox, J., & Weisberg, S. (2020). *car: Companion to Applied Regression*. [R package]. Retrieved from https://cran.rproject.org/package=car.

Kleinbaum, D. G., Kupper, L. L., & Morgenstern, H. (1982). *Epidemiologic research: Principles and quantitative methods*. Belmont, CA: Lifetime Learning Publications.

NIST/SEMATECH. (2012). *NIST/SEMATECH e-Handbook of Statistical Methods*. National Institute of Standards and Technology. https://doi.org/10.18434/M32189

Barnett, V., & Lewis, T. (1994). Outliers in statistical data (3rd ed.). Chichester, UK: Wiley.