

DAFTAR PUSTAKA

- Abidin, A., Steven, S., Rachman, N., & Qaida, M. (2025). *Jurnal Teknologi Lingkungan Comparative Economic Analysis of MASARO and Waste Processing at Source (TOSS) Technologies in Waste Management in West Java Province*. 26(1), 105–113.
- Anastasya Sitepu, dan B. (2023). *Penerapan Design for Manufacturing and Assembly (DFMA) pada Jam TALENTA Conference Series Penerapan Design for Manufacturing and Assembly (DFMA) pada Jam Dinding*. 6(1). <https://doi.org/10.32734/ee.v6i1.1803>
- Ardiansyah, Risnita, & Jailani, M. S. (2023). *Teknik Pengumpulan Data Dan Instrumen Penelitian Ilmiah Pendidikan Pada Pendekatan Kualitatif dan Kuantitatif*. 1, 1–9.
- Borooah, R., Chanakya, H. N., & Dasappa, S. (2020). *Investigations into the performance of single chamber sanitary napkin incinerators with emphasis on CO and CO 2 emissions*. 102, 2020.
- Budiyarto, A., Clarke, B., & Ross, K. (2025). *Overview of waste bank application in Indonesian regencies*. <https://doi.org/10.1177/0734242X241242697>
- Cinelli, M., Ferraro, G., Iovanella, A., Lucci, G., & Schiraldi, M. M. (2017). *A network perspective on the visualization and analysis of bill of materials*. 9, 1–11. <https://doi.org/10.1177/1847979017732638>
- Curran, D., & Porter, J. M. (2020). *International Journal of Heat and Mass Transfer A tomography-based effective thermal conductivity model for ceramic fiber insulation*. 160, 120224.
- Dewi, A. P., Karimah, H. S., & Rahmawati, L. A. (2024). *Pengelolaan Sampah Berbasis Teknologi : Incinerator Sebagai Solusi Pengolahan Sampah Di RW 16 Desa*. 1–11.
- Fahdillah, A. F. (2025). *Analisis Asap Hasil Pembakaran pada Incinerator Menggunakan Sabut Kelapa dalam Proses Filtrasi dengan Menggunakan Metode VDI 2221*. 1502619061.
- Fasya, A. H., Ibad, M., Muna, K. U., Pratiwi, S. F., & Arum, S. (2025). *A SYSTEMATIC REVIEW OF SOLID WASTE MANAGEMENT IN INDONESIA : GENERATION , CHARACTERISTICS , TREATMENT , AND REGULATION*. 17(4), 333–342. <https://doi.org/10.20473/jkl.v17i4.2025.333-342>
- Fiaschi, S. (2025). *Optimisation of municipal solid waste collection to enhance materials recovery*. July 2025.
- Formentini, G., Boix, N., & Claudio, R. (2022). *Design for manufacturing and assembly methods in the product development process of mechanical products : a systematic literature review*. *The International Journal of Advanced Manufacturing Technology*, 4307–4334. <https://doi.org/10.1007/s00170-022-08837-6>
- Fukushige, S., Nonaka, T., Kobayashi, H., & Tokoro, C. (2025). *Fukushige, S., Nonaka, T., Kobayashi, H., & Tokoro, C. (2025). EcoDesign for Circular Value Creation: Volume I*. Springer. <https://link.springer.com/content/pdf/10.1007/978-981-97-9068-5.pdf>
- Ginting, R., Siregar, I., & Nasution, A. B. (2013). *Rancangan perbaikan produk saklar dengan integrasi metode qfd dan dfma di pt xxx*. VIII(3), 203–208.

- Hamin, R., Mohammed, J., & Bamasag, A. (2025). Technical , Economic , and Environmental Review of Waste to Energy Technologies from Municipal Solid Waste. *Discover Chemical Engineering*. <https://doi.org/10.1007/s43938-025-00079-8>
- Hutomo, S. (2024). *PENEGAKKAN HUKUM UNTUK PENGELOLAAN SAMPAH*. 10(1), 105–118.
- Iskandar & Kurniawan. (2019). *UNES Journal of Community Service ENVIRONMENTAL INSPECTED WASTE MANAGEMENT IN KELURAHAN*. 4(1), 16–22.
- Islahudin, N., & Khoir, I. U. (2024). *Rancang Bangun Alat Pencampuran Baglog Jamur Tiram Menggunakan Metode Design For Manufacturing & Assembling (DFMA)*. 12(2), 66–78.
- Jamilatun, S., Pitoyo, J., & Setyawan, M. (2023). *Technical , Economic , and Environmental Review of Waste to Energy Technologies from Municipal Solid Waste*. 21(3), 581–593. <https://doi.org/10.14710/jil.21.3.581-593>
- Juniani, A. I., Singgih, M. L., & Karningsih. (2022). *Design for Manufacturing , Assembly , and Reliability : An Integrated Framework for Product Redesign and Innovation*.
- Kurniawan, A., Handayani, D., & Nugroho, T. (2021). Kurniawan, A., Handayani, D., & Nugroho, T. (2021). *Analisis desain insinerator sederhana untuk limbah padat domestik*. *Jurnal Teknologi Lingkungan*, 22(1), 45–52. 45–52.
- Liu, X., Zhu, G., Asim, T., & Mishra, R. (2024). Design of a Novel α - Shaped Flue Gas Route Flame Incinerator for the Treatment of Municipal Waste Materials. *Waste and Biomass Valorization*, 15(4), 2483–2498. <https://doi.org/10.1007/s12649-023-02291-5>
- Marco, F., & Antonio, M. (2024). Towards the definition of assembly - oriented modular product architectures : a systematic review. In *Research in Engineering Design* (Vol. 35, Issue 2). Springer London. <https://doi.org/10.1007/s00163-023-00427-1>
- Masrida, R., Studi, P., Kimia, T., & Teknik, F. (2017). *Kajian timbulan dan komposisi sampah sebagai dasar pengelolaan sampah di kampus ii universitas bhayangkara jakarta raya*. 2(2), 69–78.
- Nugroho, D., & Pranolo, A. (2023). Nugroho, D., & Pranolo, A. (2023). *Evaluasi efektivitas pengelolaan sampah di daerah padat penduduk: Studi kasus Jakarta Selatan*. *Jurnal Manajemen Infrastruktur dan Lingkungan*, 10(2), 134–145.
- Panda, D., Haque, S., Frishammar, J., & Parida, V. (2025). *Modularity for circular economy : Four circularity pathways for industrial firms*. 519(May).
- Pratama, R., Dewi, L., & Supriyadi, H. (2023). Pratama, R., Dewi, L., & Supriyadi, H. (2023). *Pengembangan prototipe insinerator listrik untuk skala sekolah menengah*. *Jurnal Rekayasa Mesin Terapan*, 9(3), 211–220.
- Putra, S. & F. A. (2024). *Partisipasi Masyarakat dalam Pengelolaan Sampah Rumah*. June.
- Radhi, M., Raudah, S., Studi, P., Publik, A., Tinggi, S., & Administrasi, I. (2024). *Efektivitas pengelolaan sampah rumah tangga di desa panangkalaan kecamatan amuntai utara kabupaten hulu sungai utara*. 757–766.
- Ramanenka, D., Antti, M., Gustafsson, G., & Jonsén, P. (2017). *Characterization of high-alumina refractory bricks and modelling of hot rotary kiln behaviour*.

- 79(May), 88050.
- Rehman, S., & Guenov, M. D. (1998). A methodology for modelling manufacturing costs at conceptual design. *Computers & Industrial Engineering*, 35(3–4), 623–626. [https://doi.org/10.1016/S0360-8352\(98\)00174-0](https://doi.org/10.1016/S0360-8352(98)00174-0)
- Riyana, D. S., Fadilla, M., & Amalia, S. (2020). *Perbaikan Desain Produk Hand Juicer untuk Menurunkan Waktu dan Biaya Produksi dengan Metode DFMA*. 8(Desember), 36–39.
- Rohmatuka, M. W., Juniani, A. I., Karningsih, P. D., & Indrawan, R. (2024). *Design Efficiency and Early Cost Estimation of Dual-Function Waste Chopper Machine through DFMA Approach*. 7, 54–61.
- Sadik, C., Amrani, I. El, Albizane, A., Sadik, C., Amrani, I. El, & Albizane, A. (2018). Recent advances in silica-alumina refractory : A review. *Integrative Medicine Research*, 2(2), 83–96. <https://doi.org/10.1016/j.jascr.2014.03.001>
- Thabit, Q., Nassour, A., & Nelles, M. (2022). *Flue Gas Composition and Treatment Potential of a Waste Incineration Plant*.
- Utami, A. A., Zahrudin, Umam, K., & Susanto, R. (2022). *ANALISIS BIAYA LAYANAN PENGOLAHAN SAMPAH DENGAN INSINERATOR DI TPST MUSTIKA IKHLAS*. 9(1), 81–91.
- Wajs, J., Bochniak, R., & Golabek, A. (2019). *Proposal of a Mobile Medical Waste Incinerator with Application of Automatic Waste Feeder and Heat Recovery System as a Novelty in Poland*.
- Wang, W., Fu, Q., Ge, J., Xu, S., Liu, Q., Zhang, J., & Shan, H. (2024). *Advancements in Thermal Insulation through Ceramic Micro- Nanofiber Materials*.
- Widodo, M., Hartati, S., & Kusuma, D. (2022). *Widodo, M., Hartati, S., & Kusuma, D. (2022). Penerapan Design for Manufacture dalam pengembangan produk lokal ramah lingkungan. Jurnal Teknik Industri*, 18(1), 56–64.
- Yang, S., Kong, Q., Zeng, D., Wu, S., Gong, F., & Xiao, R. (2022). Simulation research of a counter - flow rotary kiln hazardous waste incineration system. *International Journal of Coal Science & Technology*, 1–10. <https://doi.org/10.1007/s40789-022-00523-y>
- Zheng, M., Sun, J., Gong, L., Fan, Y., Tu, J., & Dong, J. (2024). Optimization of secondary air operation parameters of waste incineration boiler based on response surface methodology. *Applied Thermal Engineering*, 236(PC), 121763. <https://doi.org/10.1016/j.applthermaleng.2023.121763>

Intelligentia - Dignitas