

REFERENCES

- Akbar, R., & Gusnita. (2020). *Analisis dampak lingkungan proses produksi makanan*. *Jurnal Teknologi Lingkungan*, 21(2), 125–134.
- Akinpelu, A. E., Abass, A. B., & Adebola, P. O. (2021). Cassava processing, utilization, and safety: A review. *Food Research International*, 140, 110038. <https://doi.org/10.1016/j.foodres.2020.110038>
- Ahmad, S., Wong, K. Y., & Ahmad, R. (2019). *Life cycle assessment for food production and manufacturing*. Elsevier. <https://doi.org/10.1016/B978-0-12-815936-3.00003-9>
- Arham, Q. L., Nurmufida, Deltu, S. N., Saputra, R., & Relifra, R. (2023). Kajian literatur: Pengaruh word of mouth terhadap keputusan pembelian makanan kripik balado di Sumatera Barat. *J-MIND (Jurnal Manajemen Indonesia)*, 8(1), 66–73. <https://doi.org/10.29103/j-mind.v8i1.11098>
- Ayesha, I., Torani, D., & Amnilis. (2020). Penerapan metode Hayami dalam analisis nilai tambah ubikayu menjadi produk olahan pada usaha kripik balado 4x7 di Kota Padang. *Journal of Scientech Research and Development*, 2(2), 99–107. <https://doi.org/10.56670/jsrd.v2i2.21>
- Borrelle, S. B., Ringma, J., Law, K. L., Monnahan, C. C., Lebreton, L., McGivern, A., & Rochman, C. M. (2020). Predicted growth in plastic waste exceeds efforts to mitigate plastic pollution. *Science*, 369(6510), 1515–1518. <https://doi.org/10.1126/science.aba3656>
- CML-IE. (2016). *CML-IA characterisation factors*. <http://cml.leiden.edu/software/data-cmlia.html>
- FAO. (2021). *The global cassava development strategy*. Food and Agriculture Organization of the United Nations. <https://www.fao.org/3/y1177e/y1177e03.htm>
- Fajarwaty, S., & Jukes, D. (2022). Food safety challenges in Indonesian SMEs: A review. *Food Control*, 136, 108892. <https://doi.org/10.1016/j.foodcont.2022.108892>
- Faraca, G., & Astrup, T. (2019). Plastic waste from recycling centres: Characterisation and evaluation of plastic recyclability. *Waste Management*, 95, 388–398. <https://doi.org/10.1016/j.wasman.2019.06.038>

- Fatimah, S., Mumtaz, N. A., & Hidayati, N. (2016). Penurunan kadar COD dan TSS dengan menggunakan teknik *pipe filter layer* pada limbah industri keripik singkong. *Politeknosains*, 15(2), 36–43.
- Goedkoop, M., Oele, M., Vieira, M., Leijting, J., Ponsioen, T., & Meijer, E. (2016). *SimaPro tutorial*. PRé Consultants.
- González-García, S., Esteve-Llorens, X., Moreira, M. T., & Feijoo, G. (2018). Carbon footprint and eutrophication potential of food processing industries: Environmental implications of wastewater management. *Science of the Total Environment*, 610–611, 1487–1496. <https://doi.org/10.1016/j.scitotenv.2017.08.149>
- Guinée, J. B., Gorée, M., Heijungs, R., Huppes, G., Kleijn, R., de Koning, A., ... van der Ven, B. L. (2001). *Life cycle assessment: An operational guide to the ISO standards*. Kluwer Academic Publishers.
- Gusvita, H., Gusriati, & Rahmadani, S. (2023). Analisis karakteristik konsumen dalam keputusan pembelian kripik balado (Studi kasus pada usaha Kripik Balado Christine Hakim Kota Padang). *Jurnal Research Ilmu Pertanian*, 3(1), 19–27.
- Huijbregts, M. A. J., Steinmann, Z. J. N., Elshout, P. M. F., Stam, G., Verones, F., Vieira, M. D. M., Hollander, A., Zijp, M., & van Zelm, R. (2017). *ReCiPe 2016 v1.1: Characterization factors*.
- ISO. (2016). *ISO 14044: Environmental management — Life cycle assessment — Requirements and guidelines*. ISO Central Secretariat.
- Kementerian Koperasi dan UKM. (2023). *Laporan kinerja Kementerian Koperasi dan UKM tahun 2023*.
- Khoshnevisan, B., Bolandnazar, E., Shamshirband, S., Motamedi, M., & Chau, K.-W. (2018). An improved AI model for predicting human toxicity potential in agricultural systems. *Environmental Research*, 164, 521–531. <https://doi.org/10.1016/j.envres.2018.03.009>
- Life Cycle Indonesia. (2019). *Plastic life cycle assessment for public policy*. Ministry of National Development Planning (Bappenas), Indonesia.
- Limanseto, haryo. (2021). *UMKM menjadi pilar penting dalam perekonomian Indonesia*. Kementerian Koordinator Bidang Perekonomian.

<https://ekon.go.id/publikasi/detail/2969/umkm-menjadi-pilar-penting-dalam-perekonomian-indonesia>

- Mayer Labba, I. C., Frøkiær, H., & Sandberg, A. S. (2021). Nutritional and antinutritional composition of fava bean cultivars. *Food Research International*, *140*, 110038. <https://doi.org/10.1016/j.foodres.2020.110038>
- Mohidin, S. R. N. S. P., Moshawih, S., Hermansyah, A., Asmuni, M. I., Shafqat, N., & Ming, L. C. (2023). Cassava (*Manihot esculenta* Crantz): A systematic review. *Journal of Evidence-Based Integrative Medicine*, *28*. <https://doi.org/10.1177/2515690X231206227>
- Nandar, H. N., Ismayana, A., & Yani, M. (2025). Environmental assessment study based on the life cycle of Sanjai chips. *Jurnal Teknologi Industri Pertanian*, *35*(2), 177–185. <https://doi.org/10.24961/j.tek.ind.pert.2025.35.2.177>
- Prasetyo, A., Riyanto, S., & Fikma, I. (2024). Exploring the importance and application of licensing law in environmental protection in Indonesia. *LEGAL BRIEF*, *12*(6), 530–538. <https://doi.org/10.35335/legal.v12i6.915>
- Pre Sustainability. (2014). *All about SimaPro* 8. <https://www.pre-sustainability.com>
- Purba, N. P., Handyman, D. I. W., Pribadi, T. D., Syakti, A. D., Pranowo, W. S., Harvey, A., & Ihsan, Y. N. (2019). Marine debris in Indonesia: A review of research and status. *Marine Pollution Bulletin*, *146*, 134–144. <https://doi.org/10.1016/j.marpolbul.2019.05.057>
- Rahmadani, W. (2016). *Sejarah Usaha Toko Kripik Balado Christine Hakim Asli Padang*. Scribd.
- Ridwan, M. F., Aziz, R., & Regia, R. A. (2024). Application of life cycle assessment on processing of beef rendang products using steam cauldron technology. *Ecological Engineering and Environmental Technology*, *25*(9), 298–310. <https://doi.org/10.12912/27197050/190384>
- Sayekti, I. M. S. (2022). Kontribusi industri makanan dan minuman tembus 37,77 persen. <https://pressrelease.kontan.co.id/news/kontribusi-industri-makanan-dan-minuman-tembus-3777-persen>

Setyawan, F., & Cahyana, A. S. (2024). *Analisis life cycle assessment (LCA) untuk mengendalikan waste pada kripik usus ayam*. Universitas Muhammadiyah Sidoarjo.



