

### DAFTAR PUSTAKA

- (UNEP), U. N. E. P. (2023). *Global Plastics Outlook 2023: Policy Scenarios to 2060*. UNEP.
- Anuar, S., Rahmi, F., & Sari, N. (2021). Catalytic Pyrolysis of Plastic Waste Using Indonesian Natural Zeolite. *Journal of Environmental Chemical Engineering*, 9(5). <https://doi.org/10.1016/j.jece.2021.105622>
- Anuar, S., Rahmi, F., & Sari, N. (2023). Enhancing Catalytic Activity of Natural Zeolite via Acid Activation for Plastic Pyrolysis Applications. *Journal of Environmental Chemical Engineering*, 11(4). <https://doi.org/10.1016/j.jece.2023.108933>
- Bank, W. (2023). *Plastic Circularity in Indonesia: Policy Pathways and Economic Opportunities*. World Bank.
- Corma, A., Martínez, C., & Melero, J. (2023). Zeolites as Catalysts in Petrochemical and Waste-to-Energy Applications. *Catalysis Reviews*, 65(3), 289–332. <https://doi.org/10.1080/01614940.2023.2170661>
- Guo, C., Liu, Y., & Wang, Y. (2024). Catalytic Mechanisms and Material Structure in Plastic Pyrolysis Processes. *Materials Today Chemistry*, 35. <https://doi.org/10.1016/j.mtchem.2024.102087>
- Jebe, R., & Park, S. (2025). The U.N. Global Plastics Treaty: How Narrative Shapes Global Environmental Policy. *Number 1 Article*, 50(1), 1–1. <https://scholarship.law.unc.edu/ncilj/vol50/iss1/2>
- Kehutanan, K. L. H. dan. (2023). *Laporan Statistik Pengelolaan Sampah Nasional 2023*. KLHK.   
*kepdirjen-minyak-tanah---2020.pdf*. (n.d.).
- Lestari, R., Handayani, T., & Prasetyo, D. (2023a). Assessment of Plastic Waste Leakage into Indonesian Coastal Waters. *Marine Pollution Bulletin*, 195. <https://doi.org/10.1016/j.marpolbul.2023.115619>
- Lestari, R., Handayani, T., & Prasetyo, D. (2023b). Catalytic Pyrolysis of LDPE Using Natural Zeolite: Optimization and Product Characterization. *Journal of Environmental Chemical Engineering*, 11(7). <https://doi.org/10.1016/j.jece.2023.109823>
- Li, J., Zhang, W., & Chen, Q. (2024). Material Performance and Degradation Behavior of LDPE-Based Packaging Films. *Polymer Degradation and Stability*, 229. <https://doi.org/10.1016/j.polymdegradstab.2024.110678>
- Mastral, A. M., López, J. M., & Esperanza, E. (2022). Thermochemical Conversion Pathways of Plastic Waste: An Overview. *Renewable and Sustainable Energy Reviews*, 162. <https://doi.org/10.1016/j.rser.2022.112424>
- Negeri, D. I. D., Energi, K., Sumber, D. A. N., & Mineral, D. (2022). *KEMENTERIAN ENERGI DAN SUMBER DAYA MINERAL REPUBLIK*

## INDONESIA.

- Pratama, A., Wibowo, T., & Lestari, R. (2023). Pyrolysis of *Bubble wrap* Plastic Waste into Liquid Fuel without Catalyst. *Indonesian Journal of Chemical Science*, 12(3), 45–53.
- Rahman, A., & Fathurrahman, M. (2022). Effect of Zeolite Catalyst on the Pyrolysis of Polyethylene Waste. *Energy Conversion and Management*, 268. <https://doi.org/10.1016/j.enconman.2022.115967>
- Rahman, M., Sarker, M., & Uddin, M. (2024). Catalytic Pyrolysis of LDPE Waste into Liquid Fuel Using Zeolite Catalysts. *Energy Conversion and Management*, 294. <https://doi.org/10.1016/j.enconman.2024.118406>
- Sarker, M., Hossain, M., & Rahman, M. (2022). Catalytic Conversion of LDPE into Liquid Fuel Using Zeolite Y Catalyst. *Renewable Energy*, 185, 1230–1241. <https://doi.org/10.1016/j.renene.2021.12.087>
- Singh, N., Das, V., & Mohapatra, S. (2024). Recent Advances in Plastic Pyrolysis for Sustainable Energy Recovery. *Journal of Cleaner Production*, 438. <https://doi.org/10.1016/j.jclepro.2024.140994>
- Statista. (2024). *E-commerce Market Size in Indonesia from 2019 to 2024*. <https://www.statista.com>
- Suryani, N., Hartono, R., & Yusuf, M. (2024). Economic Assessment of Plastic Waste Recycling in Indonesia: Challenges and Opportunities for LDPE. *Waste Management & Research*, 42(2), 98–110. <https://doi.org/10.1177/0734242X241002123>
- Yuan, H., Zhao, L., & Wang, S. (2023). Environmental Performance of Catalytic Pyrolysis for Plastic Waste Treatment. *Waste Management*, 157, 210–222. <https://doi.org/10.1016/j.wasman.2023.05.008>
- Zhang, L., Chen, J., & Zhao, Q. (2023). Improving Oil Quality from Plastic Pyrolysis Using ZSM-5 Catalyst. *Waste Management*, 165, 145–156. <https://doi.org/10.1016/j.wasman.2023.02.017>
- Zhou, Y., & Chen, R. (2024). Comparative Study of Fast and Slow Pyrolysis Mechanisms in Plastic Conversion Processes. *Fuel Processing Technology*, 254. <https://doi.org/10.1016/j.fuproc.2024.108786>