

DAFTAR PUSTAKA

- Anukam, A., Mohammadi, A., Naqvi, M., & Granström, K. (2019). A review of the chemistry of anaerobic digestion: Methods of accelerating and optimizing process efficiency. *Processes*, 7(8), 1–19. <https://doi.org/10.3390/PR7080504>
- Arrhenius, K., & Büker, O. (2021). Comparison of different models to calculate the viscosity of biogas and biomethane in order to accurately measure flow rates for conformity assessment. *Scientific Reports*, 11(1), 1–12. <https://doi.org/10.1038/s41598-021-81052-7>
- Badan Pengelola Dana Perkebunan Sawit. (2018). *Potensi Limbah Kelapa Sawit Indonesia*. <https://www.bpdp.or.id/Potensi-Limbah-Kelapa-Sawit-Indonesia>
- Badan Pusat Statistik. (2022). *Luas Tanaman Perkebunan Menurut Provinsi (Ribu Hektar), 2019-2021*.
- Bartok Jr., J. W. (2023). *Clouds, fog & water droplet*. University of Massachusetts Amherst.
- Bethell, W. (2015). *BIOGAS UPGRAADING* (Patent No. EP2134446B1).
- Brownell. (1959). Process Equipment Design Handbook. In *Advances in Applied Science Research* (Vol. 3, Issue 3, p. 408). <https://books.google.com/books?id=QtQWiZSkBzMC&pgis=1>
- Coulson, J. M., & Richardson, J. F. (2005). *Chemical Engineering Design* (Vol. 6). R. K. Sinnott.
- Cozma, P., Wukovits, W., Mămăligă, I., Friedl, A., & Gavrilescu, M. (2014). Modeling and simulation of high pressure water scrubbing technology applied for biogas upgrading. *Clean Technologies and Environmental Policy*, 17(2). <https://doi.org/10.1007/s10098-014-0787-7>
- Donald Q. kern. (1950). *Process_Heat_Transfer__DQ_Kern.pdf* (pp. 127–171). https://www.academia.edu/30224410/Process_Heat_Transfer_DQ_Kern_pdf
- Dwinanda, V. C. (2017). *Perancangan Wet Scrubber Sebagai Unit Pengurang Kadar H2S Pada Produksi Biogas Di PT Enero Mojokerto*. Institut Teknologi Sepuluh Nopember.
- Kashi, R. Y., & Widodo, E. (2019). Pengendalian Kualitas Crude Palm Oil (CPO) Dengan Diagram Kontrol Multivariat Exponatially Weighted Moving Average (MEWMA). *PRISMA, Prosiding Seminar Nasional*, 2, 848–853.

<https://journal.unnes.ac.id/sju/index.php/prisma/article/view/29278>

Kolmetz, K., Ledyana, U., & Dwijayanti, A. (2020). DEMISTER PAD SELECTION, SIZING AND TROUBLESHOOTING. *Kolmetz Handbook of Process Equipment Design*, November, 12.

Liew, Z. K., Chan, Y. J., Ho, Z. T., Yip, Y. H., Teng, M. C., Ameer Abbas bin, A. I. T., Chong, S., Show, P. L., & Chew, C. L. (2021a). Biogas production enhancement by co-digestion of empty fruit bunch (EFB) with palm oil mill effluent (POME): Performance and kinetic evaluation. *Renewable Energy*, 179, 766–777.
<https://doi.org/10.1016/j.renene.2021.07.073>

Liew, Z. K., Chan, Y. J., Ho, Z. T., Yip, Y. H., Teng, M. C., Ameer Abbas bin, A. I. T., Chong, S., Show, P. L., & Chew, C. L. (2021b). Biogas production enhancement by co-digestion of empty fruit bunch (EFB) with palm oil mill effluent (POME): Performance and kinetic evaluation. *Renewable Energy*, 179, 766–777.
<https://doi.org/10.1016/j.renene.2021.07.073>

Ministry of Energy and Mineral Resources Republic of Indonesia. (2021). Handbook of Energy & Economic Statistics of Indonesia 2021. In *Ministry of Energy and Mineral Resources Republic of Indonesia*. <https://www.esdm.go.id/en/publication/handbook-of-energy-economic-statistics-of-indonesia-heesi>

Mustikawati, I. (2019). Manfaat Biogas Sebagai Bahan Bakar Alternatif Bagi Rumah Tangga. *Majalah Ilmiah Pelita Ilmu*, 2(2), 28. <https://doi.org/10.37849/mipi.v2i2.170>

Náthia-Neves, G., Berni, M., Dragone, G., Mussatto, S. I., & Forster-Carneiro, T. (2018). Anaerobic digestion process: technological aspects and recent developments. *International Journal of Environmental Science and Technology*, 15(9), 2033–2046. <https://doi.org/10.1007/s13762-018-1682-2>

Perry, R. H. (2019). *PERRY'S CHEMICAL ENGINEERS' HANDBOOK* (D. W. Green (ed.); 9th Editio). McGraw-Hill Education.

Pertamina Gas. (2021). *Energi Biogas, Dari Limbah Menjadi Berkah*. <http://www.pertagas.pertamina.com/Portal/Content/Read/48#:~:text=Biogas> sendiri dapat dimanfaatkan masyarakat,mampu mengurangi emisi gas kaca

Pullen, T. (2015). Anaerobic Digestion - Making Biogas - Making Energy. In F. Jackson (Ed.), *Anaerobic Digestion - Making Biogas - Making Energy*. Routledge.

<https://doi.org/10.4324/9781315770772>

Ramadani, T. A. (2017). *Studi Penggunaan Packed Sieve Tray Column Pada Proses Pemurnian Etanol Melalui Proses Study of Packed Sieve Tray Column in Ethanol Purification Process Using Distillation Process.*

Suksong, W., Tukanghan, W., Promnuan, K., Kongjan, P., Reungsang, A., Insam, H., & O-Thong, S. (2020). Biogas production from palm oil mill effluent and empty fruit bunches by coupled liquid and solid-state anaerobic digestion. *Bioresource Technology*, 296, 122304. <https://doi.org/10.1016/j.biortech.2019.122304>

Suminto, Susanto, D. A., & Lukiawan, R. (2013). Kebutuhan Standar dalam mendukung pengembangan sumber energi bari (Biogas). *Jurnal Standardisasi*, 15(1), 10.

The Biogas Handbook: Science, Production and Applications. (2013). In A. Wellinger, J. Murphy, & D. Baxter (Eds.), *The Biogas Handbook: Science, Production and Applications*. WOODHEAD PUBLISHING. <https://doi.org/10.1533/9780857097415>

Toiby, A. R. (2015). *Perubahan Sifat Kimia Kompos Tandan Kosong Kelapa Sawit Yang Difermentasi Dengan Em4 Pada Kelapa Sawit Yang Difermentasi Dengan Em4 Pada Dosis dan Lama Pemeraman yang Berbeda*. UNIVERSITAS ISLAM NEGERI SULTAN SYARIF KASIM RIAU.

Treybal, R. E. (1955). *Mass-Transfer Operations*. McGraw-Hill.

Yanti, R. N., & Lestari, I. (2020). Potensi Limbah Padat Perkebunan Kelapa Sawit Di Provinsi Riau. *Wahana Forestra: Jurnal Kehutanan*, 15(2), 1–11. <https://doi.org/10.31849/forestra.v15i2.4696>

Yaws, C. L. (1999). *Livro - [Handbook] - Chemical Properties Handbook - C.L. Yaws, 1996.pdf* (pp. 1–772).