



DAFTAR PUSTAKA

- Alves, M. M., Pereira, M. A., Sousa, D. Z., Cavaleiro, A. J., Picavet, M., Smidt, H., and Stams, J. M. (2009) ‘Waste lipids to energy: How to optimize methane production from long-chain fatty acids (LCFA)’, *Microbial Biotechnology*, 2(5), pp. 538–550.
- Battimelli, A., Carrère, H. and Delgenès, J. P. (2009) ‘Saponification of fatty slaughterhouse wastes for enhancing anaerobic biodegradability’, *Bioresource Technology*. Elsevier Ltd, 100(15), pp. 3695–3700.
- Beccari, M., Bonemazzi, F., Majone, M., and Riccardi, C. (1996) ‘Interaction between acidogenesis and methanogenesis in the anaerobic treatment of olive oil mill effluents’, *Water Research*, 30(1), pp. 183–189.
- Britz, T. J. and van Schalkwyk, C. (2006) ‘Treatment of Dairy Processing Wastewaters.’, *Waste treatment in the Food Processing Industry*, (c), pp. 1–28.
- Chae, K. J., Jang, A., Yim, S. K., and Kim, I. S. (2008) ‘The effects of digestion temperature and temperature shock on the biogas yields from the mesophilic anaerobic digestion of swine manure’, *Bioresource Technology*, 99(1), pp. 1–6.
- Chen, Y., Cheng, J. J. and Creamer, K. S. (2008) ‘Inhibition of anaerobic digestion process: A review’, *Bioresource Technology*, 99(10), pp. 4044–4064.
- Dechrugsa, S., Kantachote, D. and Chaiprapat, S. (2013) ‘Effects of inoculum to substrate ratio, substrate mix ratio and inoculum source on batch co-digestion of grass and pig manure’, *Bioresource Technology*. Elsevier Ltd, 146, pp. 101–108.
- Fogler, H. S. (1999) *Elements of Chemical Reaction Engineering*, Upper Saddle River, N. J.: Prentice Hall PTR



Gerardi, M. H. (2003) *The Microbiology of Anaerobic Digesters*. John Wiley & Sons, Inc.

Halalsheh, M., Koppes, J., den Elzen, J., Zeeman, G., Fayyad, M., and Lettinga, G. (2005) ‘Effect of SRT and temperature on biological conversions and the related scumforming potential’, *Water Research*, 39(12), pp. 2475-2482.

International Dairy Federation (2015) ‘Bulletin of the International Dairy Federation 481/2015. The world dairy situation 2015’, *The world dairy situation, TWD*, pp. 1–260.

Nakhla, G., Al-Sabawi, M., Bassi, A., and Liu, V. (2003) ‘Anaerobic treatability of high oil and grease rendering wastewater’, *Journal of Hazardous Materials*, 102, pp. 243–255.

Ramadhani, L. I. et al. (2017) ‘Kinetics of Anaerobic Digestion of Palm Oil Mill Effluent (POME) in Double Stage Batch Reactor with Recirculation and Fluidization of Microbial Immobilization Media’, *IOP Conference Series: Materials Science and Engineering*, 316(1).

Rasit, N., Idris, A., Harun, R., Ghani, W. A. W. A. K. (2015) ‘Effects of lipid inhibition on biogas production of anaerobic digestion from oily effluents and sludges: An overview’, *Renewable and Sustainable Energy Reviews*. Elsevier, 45, pp. 351–358.

Rivière, D., Desvignes, V., Pelletier, E., Chaussonnerie, S., Guermazi, S., Weissenbach, J., Li, T., Camacho, P., and Sghir, A. (2009) ‘Towards the definition of a core of microorganisms involved in anaerobic digestion of sludge’, *ISME Journal*, 3(6), pp. 700–714.

Seadi, T. A., Rutz, D., Prassl, H., Köttner, M., Finsterwalder, T., Volk, S., and Janssen, R. (2008) *Biogas Handbook*, University of Southern Denmark Esbjerg.



Shuler, M. L. and Kargi, F. (2002) *Bioprocess engineering: Basic concepts*. 2nd edn, 2nd edn. Prentice Hall.

Vavilin, V. A., Rytov, S. V., Lokshina, L. Ya. (2008) ‘Hydrolysis kinetics in anaerobic degradation of particulate organic material: An overview’, *Waste Management*, 28(6), pp. 939–951.

Walker, M., Zhang, Y., Heaven, S., Banks, C. (2009) ‘Potential errors in the quantitative evaluation of biogas production in anaerobic digestion processes’, *Bioresource Technology*. Elsevier Ltd, 100(24), pp. 6339–6346.

Wildbrett, G. (2011) ‘Dairy Plant Effluents’, Elsevier Ltd, pp. 613–618.

Worwag, M., Neczaj, E. and Grosser, A. (2011) ‘Methane Production From Fat-Rich Materials’, *Civil and Environmental Engineering Reports*, 6, pp. 147–162.

Zhang, Q., Hu, J. and Lee, D. J. (2016) ‘Biogas from anaerobic digestion processes: Research updates’, *Renewable Energy*. Elsevier Ltd, 98, pp. 108–119.