

- Aries, R. S., and Newton, R. D., 1955, *Chemical Engineering Cost Estimation*, McGraw-Hill, New York.
- Brown, G. G., Katz, D., Foust, . S., and Schneidewind, C., 1950, —Unit Operation, John Wiley and Sons, Inc., New York. Couper, J. R., Penney, W. R., Fair, J. R., & Walas, S. M. (2012). "Chemical Process Equipment Selection and Design Third Edition". Oxford: Elsevier Inc.
- Couper, J. R., Penney, W. R., Fair, J. R., & Walas, S. M. (2012). "Chemical Process Equipment Selection and Design Third Edition". Oxford: Elsevier Inc.
- El Sherbiny, S. A., Refaat, A. A. and El Sheltawy, S. T. (2010) 'Production of biodiesel using the microwave technique', *Journal of Advanced Research*. Cairo University, 1(4), pp. 309–314. doi: 10.1016/j.jare.2010.07.003.
- Ghosal, D. and Pradhan, R. R. (2008) 'Effect of the Variation of Reaction Parameters and Kinetic Study for Preparation of Biodiesel from Karanza Oil', *Certified Journal*, 9001(10), pp. 310–314. Available at: <https://www.researchgate.net/publication/267469530>.
- Gog, A. *et al.* (2012) 'Biodiesel production using enzymatic transesterification - Current state and perspectives', *Renewable Energy*, 39(1), pp. 10–16. doi: 10.1016/j.renene.2011.08.007.
- Kern, D.Q., 1965, "Process Heat Transfer", Int.ed., p. 102-160, New York, McGraw-Hill Book Company.
- Kumar, D. and Ali, A. (2015) 'Direct synthesis of fatty acid alkanolamides and fatty acid alkyl esters from high free fatty acid containing triglycerides as lubricity improvers using heterogeneous catalyst', *Fuel*. Elsevier Ltd, 159, pp. 845–853. doi: 10.1016/j.fuel.2015.07.046.
- Ministry of Industry of Indonesia (2014) 'Profil Industri Oleokimia Dasar dan Biodiesel'.
- Peters, M. S., and Timmerhaus, K. D., 1991, *Plant Design and Economics for Chemical Engineering*, 4th ed., McGraw-Hill, Singapore.
- Ramadhan, M. *et al.* (2019) 'Pemetaan Status Kualitas Sumberdaya Air Permukaan Di Kota Bogor Dan Upaya Pengelolaannya Menuju Kota Sensitif Air', *Seminar Nasional Geomatika*, 3, p. 627. doi: 10.24895/sng.2018.3-0.1021.
- Rasyid, R. (2010) 'Pengaruh Suhu dan Konsentrasi Katalis Pada Proses Esterifikasi Distilat Asam Lemak Minyak Sawit (DALMs) Menjadi Biodiesel', *Jurnal Kimia VALENSI*, 1(6), pp. 2–6. doi: 10.15408/jkv.v1i6.243.



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Vanessa, M. C. and Boula, J. M. F. (2017) 'Analisis Jumlah Minyak Jelantah yang dihasilkan Masyarakat di Wilayah JABODETABEK', (January), pp. 1–21.
Available at: <https://www.researchgate.net/publication/312755248>.

Vyas, A. P., Verma, J. L. and Subrahmanyam, N. (2010) 'A review on FAME production processes', *Fuel*. Elsevier Ltd, 89(1), pp. 1–9. doi: 10.1016/j.fuel.2009.08.014.

Yaws, C.L., 1999, —The Yaws Handbook of Vapor Pressure : Antoine Coefficients, p.80-534. Oxford, Elsevier.

Young, E.H., and Brownell, L. E., 1979, Process Equipment Design, John Wiley and Sons, Inc., New York. Evans, F. L., 1980, "Equipment Design Handbook", Gulf Publishing Company, Tokyo.