



DAFTAR PUSTAKA

- Aries, R. S., & Newton, R. D. (1954). *Chemical Engineering Cost Estimation*. New York: McGraw-Hill.
- Arun, N., Sharma, R. V., & Dalai, A. K. (2015). Green diesel synthesis by hydrodeoxygenation of bio-based feedstocks: Strategies for catalyst design and development. *Renewable and Sustainable Energy Reviews*, 48, 240–255. <https://doi.org/10.1016/j.rser.2015.03.074>
- Berapa Volume Impor Minyak Indonesia? (2019). Retrieved May 18, 2020, from <https://databoks.katadata.co.id/datapublish/2019/05/24/berapa-volume-impor-minyak-indonesia>
- Boerrigter, H., Uil, H. Den, & Calis, H. (2002). Green Diesel from Biomass via Fischer-Tropsch synthesis: New Insights in Gas Cleaning and Process Design.
- BPH Migas. (2018). Kuota dan Realisasi BBM Jenis Tertentu. Retrieved May 18, 2020, from <https://www.bphmigas.go.id/kuota-dan-realisasi-jenis-bbm-tertentu/>
- BPS Kota Dumai. (2019). PDRB Kota Dumai Atas Dasar Harga Berlaku (AHDB) Menurut Lapangan Usaha Tahun 2010-2019 (miliar rupiah). Retrieved May 26, 2020, from <https://dumaikota.bps.go.id/dynamictable/2017/07/05/57/pdrb-kota-dumai-atas-dasar-harga-berlaku-ahdb-menurut-lapangan-usaha-tahun-2010-2019-miliar-rupiah-.html>
- Brown, G. G. (1950). *Unit Operations*. John Wiley & Sons.
- Brownell, L. E., & Young, E. H. (1959). *Process Equipment Design*. John Wiley & Sons.
- Couper, J. R., Penney, W. R., Fair, J. R., & Walas, S. M. (2005). *Chemical Process Equipment: Selection and Design* (2nd ed.). Gulf Professional Publishing.
- Crowl, D. A., & Louvar, J. F. (2002). *Chemical Process Safety Fundamentals with Applications* 2nd Ed. (2nd Editio). Prentice Hall. <https://doi.org/10.1021/op3003322>
- Fischer-Tropsch Synthesis. (n.d.). Retrieved May 20, 2020, from <https://www.netl.doe.gov/research/coal/energy-systems/gasification/gasifipedia/ftsynthesis>
- Fuels, diesel, C9-18-alkane branched and linear. (2019). Retrieved May 17, 2020, from <https://chem.nlm.nih.gov/chemidplus/rn/1159170-26-9>
- Green Diesel R100 Renewable Diesel: SDS No. R100-V-GHS. (2014). San Antonio,TX: Valero. Retrieved from https://www.valero.com/en-us/Documents/OSHA_GHS_SDS/SDS_US - R100-V-GHS - Green Diesel R100 Renewable Diesel 5-14.pdf
- Gupta, M. K. (2017). *Practical Guide to Vegetable Oil Processing* (2nd ed.). AOCS



Press.

- Holmgren, J., Gosling, C., Marker, T., Kokayeff, P., Faraci, G., & Perego, C. (2007). Green diesel production from vegetable oil. *10th Topical Conference on Refinery Processing 2007, Held at the 2007 AIChE Spring National Meeting*, (May 2014), 61–67.
- Hossain, M. Z., Jhawar, A. K., Chowdhury, M. B. I., Xu, W. Z., Wu, W., Hiscott, D. V., & Charpentier, P. A. (2017). Using Subcritical Water for Decarboxylation of Oleic Acid into Fuel-Range Hydrocarbons. *Energy and Fuels*, 31(4), 4013–4023. <https://doi.org/10.1021/acs.energyfuels.6b03418>
- Jin, M., & Choi, M. (2019). Hydrothermal deoxygenation of triglycerides over carbon-supported bimetallic PtRe catalysts without an external hydrogen source. *Molecular Catalysis*, 474(May), 110419. <https://doi.org/10.1016/j.mcat.2019.110419>
- Kern, D. Q. (1950). *Process Heat Transfer*. McGraw-Hill.
- Kiatkittipong, W., Phimsen, S., Kiatkittipong, K., Wongsakulphasatch, S., Laosiripojana, N., & Assabumrungrat, S. (2013). Diesel-like hydrocarbon production from hydroprocessing of relevant refining palm oil. *Fuel Processing Technology*, 116, 16–26. <https://doi.org/10.1016/j.fuproc.2013.04.018>
- Masters, K. (1972). *Spray Drying*. London: Leonard Hill Books.
- Matches' Process Equipment Cost Estimates. (2014). Retrieved June 9, 2021, from <http://matche.com/equipcost/Default.html>
- mhhe' Process Equipment Cost Estimates. (2002). Retrieved June 9, 2021, from <http://www.mhhe.com/engcs/chemical/peters/data/ce.html>
- Miao, C., Marin-Flores, O., Dong, T., Gao, D., Wang, Y., Garcia-Pérez, M., & Chen, S. (2018). Hydrothermal Catalytic Deoxygenation of Fatty Acid and Bio-oil with in Situ H₂. *ACS Sustainable Chemistry and Engineering*, 6(4), 4521–4530. <https://doi.org/10.1021/acssuschemeng.7b02226>
- Morris, A. S. (2004). *ISO 14000 Environmental Management Standards Engineering and Financial Aspects*. John Wiley & Sons, Ltd.
- Perry, R. H. (2008). *Perry's Chemical Engineers' Handbook* (8th ed.). McGraw-Hill. <https://doi.org/10.1036/0071422943>
- Peters, Max S. Timmerhaus, K. D. (1991). *Plant Design and Economics for Chemical Engineers* (4th ed.). McGraw-Hill. Retrieved from <http://www.amazon.com/Plant-Design-Economics-Chemical-Engineers/dp/0072392665>
- Poulenat, G., Sentenac, S., & Mouloungui, Z. (2003). Fourier-transform infrared spectra of fatty acid salts—Kinetics of high-oleic sunflower oil saponification. *Journal of Surfactants and Detergents*, 6(4), 305–310. <https://doi.org/10.1007/s11743-003-0274-1>



- Sharma, R. (2013). Process Safety Management (PSM). *Process Safety Management*, 2000, 1–27. <https://doi.org/10.1201/b15149-2>
- Sinnott, R. K. (1999). *Coulson & Richardson's Chemical Engineering: Chemical Engineering Design* (3rd ed.). Butterworth-Heinemann.
- Towler, G., & Sinnott, R. (2008). *Chemical Engineering Design: Principles, Practice and Economics of Plant and Process Design*. Chemical Engineering. Butterworth-Heinemann.
- Treybal, R. E. (1980). *Mass-transfer operations* (3rd ed.). McGraw-Hill.
- Ulrich, G. D. (1984). *A Guide to Chemical Engineering Process Design and Economics*. John Wiley & Sons.
- Warren, H. T. (2018). *Processing advancements in the recovery of oils from vegetable oil refinery by-products*. Iowa State University. Retrieved from <https://lib.dr.iastate.edu/etd/17353>
- Yaws L., C. (2003). *Yaws' Handbook of Thermodynamic and Physical Properties of Chemical Compounds*. McGraw-Hill.