

## DAFTAR PUSTAKA

- Ali MF, El Ali BM, Speight JG. Handbook of Industrial Chemistry: McGraw-Hill, 2005.
- Ancheyta J, Trejo F, Rana MS. Asphaltenes: Chemical Transformation during Hydroprocessing of Heavy Oils. New York: CRC Press, 2009.
- Ansori, Yusuf. 2010. Analisa Penetapan Kriteria Keberhasilan Reklamasi Lahan Bekas Penambangan Batubara untuk Pertanian Berkelanjutan di Kalimantan Timur (Studi Kasus PT. Berau Coal). Badan Penelitian dan Pengembangan Daerah Provinsi Kalimantan Timur. Samarinda
- Aries, R.S and Newton, R.D, 1954, *Chemical Engineering Cost Estimation*, McGrawHill Book Co. Inc, New York
- Bloomy Blesvid, Yelmida, Zultiniar, Perengkahan Katalitik Palm Fatty Acid Distillate (PFAD) Menjadi Biofuel Dengan Katalis Abu TKS Variasi Temperatur dan Berat Katalis. Riau. ,Jurnal Rekayasa Kimia dan Lingkungan
- Brown, G.G, 1978, “ *Unit Operation* “, 14<sup>th</sup> ed, Modern Asia Edition, John Wiley and Sons. Inc, New York
- Brownell, L.E and Young, E.H, 1983, *Process Equipment Design*, John Wiley and Sons. Inc, New York
- Coulson, J.J and Richardson, J.F, 1983, *Chemical Equipment Design*, John Wiley and Sons. Inc, New York
- Coulson, J.J and Richardson, J.F, 1983, *Chemical Equipment Design*, vol 6, Pergamon Press, Oxford
- Darnoko, Siahaan, D.N.Eka, Elyshabeth, J. 2003. Teknologi Pengolahan Kelapa Sawit dan Produk Turunannya. Pusat Penelitian Kelapa Sawit. Medan
- DirJen Perkebunan, 2017. Statistika Perkelapa Sawitan Indonesia Tahun 2016. Departemen Pertanian, Direktorat Jendral Perkebunan Indonesia, Jakarta
- Direktorat Jenderal Minyak dan Gas, Kementerian Energi dan Sumber Daya Mineral. 2017. STATISTIK MINYAK DAN GAS BUMI 2016

- Farizul HK, Amin NAS, Suhardy D, Saiful AS, Mohd NS. *Catalytic Conversion of RBD Palm Oil to Gasoline: The Effect of Silica-Alumina Ratio in HZSM-5*. 1st international conference on natural resources engineering and technology. Putrajaya, Malaysia, 2006. pp. 262-73
- Fogler, H.S., 1999, *Elements of Chemical Reaction Engineering*, 3<sup>rd</sup> edition, Prentice Hall PTR, New Jersey
- Handbook of Energy & Economic Statistic of Indonesia, Final Edition, ISSN 2528-3464, 2016, Jakarta.
- Hill, C.G, 1996, *An Introduction to Chemical Engineering Kinetics and Reactor Design*, John Wiley and Sons. Inc, New York
- Hutagalung, A. 2013. Tinjauan Pengolahan Limbah Cair Minyak Bumi pada Unit Pengolahan Pertamina Pangkalan Berandan. USU International Repository, Sumatera Utara.
- Kern, D.Q, 1985, *Process Heat Transfer*, Mc GrawHill Book Co. Ltd, New York
- Levenspiel, O., 1999, *Chemical Reaction Engineering*, 3<sup>rd</sup> edition, John Wiley & Sons, New York
- Ludwig, E.E, 1984, *Aplied Process Design for Chemical and Petrochemical Plants*, 2<sup>nd</sup> ed, vol 1, 2, 3., Gulf Publishing Company
- Mc Cabe, W.L, Smith, J.C, and Harriot, P., 1985, *Unit Operation of Chemical Engineering*, 4<sup>th</sup> ed, Mc GrawHill Book Co. Singapore
- Morgan T, Santillan-Jimenez E, Harman-Ware AE, Ji Y, Grubb D, Crocker M. 2012. Catalytic Deoxygenation of Triglycerides to Hydrocarbons over Supported Nickel Catalysts. Chem. Eng. J;In press.
- Mulyaningsih, Dani.2012.Uji Aktivitas Katalis Moni/Bentanoit Hasil Preparasi pada Reaksi Hidrogenasi Perengkahan Katalitik Asam Oleat. Skripsi Bandung : Jurusan Pendidikan Kimia UPI: 8-12
- Nasikin M, Susanto BH, Hirsaman A, Wijanarko A. Biogasoline from Palm Oil by Simultaneous Cracking and Hydrogenation Reaction over NiMo/zeolite. Catalyst. World Appl. Sci. J. 2009;5:74-9.

- Perry, R.H and Chilton, C.H, “ *Chemical engineering’s Hand Book* “, 6<sup>th</sup> ed, Mc GrawHill Book Kogakusha, Tokyo
- Peters, M.S and Timmerhouse, K.D., and West., R.E., 2004, *Plant Design and Economic’s for Chemical engineering’s*, 5<sup>th</sup> ed, Mc GrawHill Book Co. Ltd., New York
- Prihandana, R., Hendroko, R., & Nuramin., 2006, Menghasilkan Biodisel Murah Mengatasi Polusi dan Kelangkaan BBM, Jakarta, Agromedia.
- Rase, H.F and Barrow, M.H, 1957, *Chemical Reactor Design for Process Plant*, John wiley and Sons. Inc, New York
- Satterfield CN. *Heterogeneous Catalysis in Industrial Practice*. New York:: McGrawHill, 1991
- Smith, J.M, 1973, *Chemical Engineering Kinetic’s*, 3<sup>rd</sup> ed, Mc GrawHill Book Kogakusha, Tokyo
- Smith, J.M and Van Ness, H.C, *Introduction to Chemical Engineering Thermodynamic’s*, 2<sup>nd</sup> ed, Mc GrawHill Book Co. Ltd., New York
- Sotelo, Rogelio Boyás, Fernando Trejo Zárraga, Felipe de Jesús Hernández Loyo. 2012. *Hydroconversion of Triglycerides into Green Liquid Fuels*. Gandarias and Arias:licensee InTech, London. <http://dx.doi.org/10.5772/52581>
- Treyball, R.E, 1979, *Mass Transfer Operation’s*, 3<sup>rd</sup> ed, Mc GrawHill Book Kogakusha, Tokyo
- Ulrich, G.D, 1984, *A Guide to Chemical engineering Process Design and Economic’s*, John Wiley and Sons. Inc, New York
- Vonghia E, Boocock DGB, Konar SK, Leung A. 1995. *Pathways for the Deoxygenation of Triglycerides to Aliphatic Hydrocarbons over Activated Alumina*. *Energy & Fuels*; 9:1090-6.
- Wallas, Stenley, M., 1991, *Chemical Process Equipment Selection and Design*, Mc GrawHill Book Co., Tokyo
- Wiguna, Jayan Adi. 2013. Skripsi : perengkahan *Palm Fatty Acid Distillate (PFAD)* menjadi biofuel menggunakan katalis H-Zeolit dengan variasi temperatur

reaksi dan nisbah berat H-Zeolit per PFAD. Fakultas Teknik, Universitas Riau.  
Riau

Wing-Keong Ng , Phaik-Kin Lim , Peng-Lim Boey . 2003. Dietary lipid and palm oil source affects growth,fatty acid composition and muscle a-tocopherol concentration of African catfish, *Clarias gariepinus*.

Yaws, C.L., 1999, *Chemical Properties Handbook, McGraw Hill Companies Inc.*, USA