
DAFTAR PUSTAKA

- A., T. S., Nurjannaah and HP., D. (2012) 'Produksi Biofuel dari Minyak Kelapa Sawit dengan Katalis Au/HZSM-5 dan Kompositnya', *Jurnal Teknik ITS*, 1(1), pp. 142–146. doi: ISSN : 2301-9271.
- Aguayo, A. T. *et al.* (2001) 'MTG process in a fixed-bed reactor. Operation and simulation of a pseudoadiabatic experimental unit', *Industrial and Engineering Chemistry Research*, 40(26), pp. 6087–6098. doi: 10.1021/ie0101893.
- Aries, R. S. and Newton, R. D. (1955) *Chemical Engineering Cost estimation, Journal of Chemical Education*. New York: McGraw Hill. doi: 10.1021/ed033p194.1.
- Badan Pembangunan Daerah Kabupaten Kutai Timur. (2015) 'Profil Daerah Kabupaten Kutai Timur 2015'.
- Badan Perencanaan Pembangunan Daerah Kabupaten Kutai Timur. (2015). Profil Daerah Kabupaten Kutai Timur 2015.
- Badan Pusat Statistik. (2019). Keadaan Ketenagakerjaan Kalimantan Timur Februari 2019, (29), 1–8.
- Bandiera, J. and Naccache, C. (1991) 'Kinetics of methanol dehydration on dealuminated H-mordenite: Model with acid and basic active centres', *Applied Catalysis*, 69(1), pp. 139–148. doi: 10.1016/S0166-9834(00)83297-2.
- Boon, J. *et al.* (2019) 'Reversible deactivation of Γ -alumina by steam in the gas-phase dehydration of methanol to dimethyl ether', *Catalysis Communications*. Elsevier B.V, 119, pp. 22–27. doi: 10.1016/j.catcom.2018.10.008.
- Brown, G. G., Katz, D., Foust, A. S., and Schneidewind, C., 1950, "Unit Operation", John Wiley and Sons, Inc., New York.
- Brownell, L. E. and Young, E. H. (1959) *Process Equipment Design*. New York: John Wiley & Sons, Inc.
- Chang, C. D. (1991) 'MTG Revisited', in Holmen, A. (ed.) *Natural Gas Conversion*. Elsevier B.V, pp. 383–404.
- Crowl, D. A. and Louvar, J. F. (2002) *Chemical Process Safety Fundamentals with Applications 2nd Ed.* 2nd Editio. Prentice Hall. doi: 10.1021/op3003322.
- Dry, M. E. (1999) 'Fischer-Tropsch reactions and the environment', *Applied Catalysis A: General*, 189(2), pp. 185–190. doi: 10.1016/S0926-860X(99)00275-6.
- Dry, M. E. (2002) 'The Fischer-Tropsch process: 1950-2000', *Catalysis Today*, 71(3–4), pp. 227–241. doi: 10.1016/S0920-5861(01)00453-9.
- Evans, F. L. (1974) 'Fired Heaters and Boilers', *Equipment Design Handbook for Refineries and Chemical Plants*, pp. 1–27.

- Fogler, H. S. (2016) *Elements of Chemical Reaction Engineering Fifth Edition, Chemical Engineering Education*. Prentice Hall.
- Froment, G. F. and K. B. B. (1991) *Chemical reactor analysis and design By G. F. Froment and K. B. Bischoff, 2nd ed. 2nd edn, The Chemical Engineering Journal*. 2nd edn. John Wiley & Sons, Inc. doi: 10.1016/0300-9467(91)85016-O.
- Gayubo, A. G. *et al.* (1996) 'Analysis of kinetic models of the methanol-to-gasoline (MTG) process in an integral reactor', *Chemical Engineering Journal and the Biochemical Engineering Journal*, pp. 45–51. doi: 10.1016/0923-0467(95)03075-1.
- Holman, J. P. (2008) *Heat Transfer Tenth Edition*. McGraw Hill. doi: 10.1016/b978-1-933762-24-1.50019-x.
- <http://alibaba.com>, diakses pada tanggal 12 Juni 2020
- <http://bi.go.id>, diakses pada tanggal 18 Juni 2020
- <http://cnbcindonesia.com>, diakses pada tanggal 12 Juni 2020
- <http://matche.com>, diakses pada tanggal 12 Juni 2020
- <http://mhhe.com>, diakses pada tanggal 12 Juni 2020
- Kementrian ESDM Republik Indonesia (2012) 'Rencana Usaha Penyediaan Tenaga Listrik PT Perusahaan Listrik Negara (Persero) Tahun 2018 S.D. 2027', 66, pp. 37–39.
- Keil, F. J. (2017) 'Methanol-to-hydrocarbons : Process technology Methanol-to-hydrocarbons : process technology', 1811(October). doi: 10.1016/S1387-1811(98)00320-5.
- Kern., D. Q. (1950) *Process heat transfer, McGraw-Hill International Book Company*. New York. doi: 10.1016/0016-0032(50)90609-0.
- Luyben, M. L. and Luyben, W. L. (1997) 'Essentials of Process Control McGraw-Hill Chemical Engineering Series', *Essentials of Process Control*, p. 584.
- Methanex (2019) *Methanex Methanol Price Sheet Regional Posted Contract Prices*.
- Morris, A. S. (2004) *ISO 14000 Environmental Management Standards Engineering and Financial Aspects*. John Wiley & Sons, Ltd.
- Nofitasari, A. F. (2017) 'Sintesis Zeolit ZSM-5 Tanpa Template : Review', (December).
- Peraturan Pemerintah Republik Indonesia No. 41 Tahun 1999 tentang Pengendalian Pencemaran Udara
- Peraturan Menteri Negara Lingkungan Hidup No. 03 Tahun 2010 tentang Baku Mutu Air Limbah bagi Kawasan Industri
- Pertamina (2018) 'Strengthening Commitment Securing Energy Tema Strengthening Commitment ',.
- Perry, S. *et al.* (1984) *CHEMICAL ENGINEERS ' HANDBOOK SEVENTH*.
- Peters, M. S. and Timmerhaus, K. D. (1994) *Plant Design and Economics for*

-
- Chemical Engineers*. 4th Editio. McGraw Hill. doi: 10.1017/cbo9780511810534.012.
- Powell, S.T., 1954, "Water Conditioning for Industry", 1st ed., Mc Graw Hill Book Co., Tokyo.
- Treybal, R. E. (1981) *Mass Transfer Operations*. 3rd Editio. Singapore: McGraw Hill.
- Sinnott, R. K. (2005) *Coulson & Richardson's Chemical Engineering 4th Edition*, Elsevier.
- Sharma, R. (2013) 'Process Safety Management (PSM)', *Process Safety Management*, 2000, pp. 1–27. doi: 10.1201/b15149-2.
- Smith, J. M. *et al.* (2018) *Introduction To Chemical Engineering Thermodynamics Eighth Edition*.
- Steve, D., Pankratz, S. and Boroski, D. (2007) 'Chemical Process Dynamics and Controls Book I', *University of Michigan*, pp. 11–14. doi: 10.1007/s00221-007-0996-y.
- Sugianto, D. (2018) *Pupuk Kaltim Mau Bangun Pabrik Methanol Senilai Rp 37 T*, *Detik Finance*. Available at: <https://finance.detik.com/industri/d-4218891/pupuk-kaltim-mau-bangun-pabrik-methanol-senilai-rp-37-t>.
- Ulrich, G. D. (1984) 'A guide to chemical engineering process design and economics', *John Wiley & Sons*, p. 484.
- Walas, S. M. (1990) *Chemical Process Equipment Selection and Design*, Butterworth-Heinemann.
- Wood, D. A., Nwaoha, C. and Towler, B. F. (2012) 'Gas-to-liquids (GTL): A review of an industry offering several routes for monetizing natural gas', *Journal of Natural Gas Science and Engineering*, 9, pp. 196–208. doi: 10.1016/j.jngse.2012.07.001.
- Yaws, C. L. (1996) *Handbook of Thermodynamic Diagrams, Elements*. Gulf Publishing Company.
- Yudiartono *et al.* (2018) *Indonesia Energy Outlook 2018 : Energi Berkelanjutan untuk Transportasi Darat*.