

DAFTAR PUSTAKA

- Alsobaai, A., Hameed, B., and Zakaria, R., 2006, Hydrocracking of Gas Oil using USY-Zeolite-Based Catalyst, *Proceeding of the 1st international Conference on Natural Resource Engineering & Technology*, 24-25th July 2006, Putrajaya, 243-254.
- Anonim, 2015, International Energy Statistic – EIA [online], Didapat dari: <https://www.eia.gov/cfapps/ipdbproject/IEDIndex3.cfm?tid=5danpid=5danaid=2>, Diakses tanggal 28 Januari 2016.
- Aunilla, A. dan Pranowo, D., 2012, Karakteristik Biodiesel Kemiri Sunan Menggunakan Proses Transesterifikasi Dua Tahap, *Buletin RISTRI*, 193-200.
- Banga, S. and Varshney, P., 2010, Effect Impurities on Performance of Biodiesel: A Review, *J. Sci. and Ind. Res.*, 69, 575-579.
- Chorkendorff, I. and Niemantsverdriet, J., 2007, *Concepts of Modern Catalysis and Kinetics*, WILEY-VCH, Darmstadt.
- Christie, W.W., 2013, AOCS Lipid Library [online], Didapat dari: <http://lipidlibrary.aocs.org>, Diakses tanggal 01 Juni 2016.
- Fatah, N. A. A., Triwahyono, S., Jalil, A. A., Ahmad, A., and Abdullah, T. A. T., 2016, n-Heptane Isomerization over Mesoporous Silica Nanoparticles (MSN): Dissociative-adsorption of Molecular Hydrogen on Pt and Mo Sites, *Appl., Catal., A: Gen.*, 135-143.
- Fattahi, A., Omidkhah, M. R., Moghaddam, Z., and Akbari, A., 2016, Synthesis and Characterization of CoMo/alumina New Catalyst for Oxidative Desulfurization (ODS) of Model Diesel Fuel, *Petroleum dan Coal*, 4, 442-447.
- Gui, M. M., Lee, K., and Bathia, S., 2008, Feasibility of Edible Oil vs. non-Edible Oil vs. Waste Edible Oil as *Biodiesel Feedstock*, *Energy*, 33, 1646-1653.
- Hagen, J., 2006, *Industrial Catalysis*, WILEY-VCH Verlag GmbH dan Co.KgaA, Mannheim.
- Holilah, H., Prasetyoko, D., Oetami, T.P., Santosa, E.B., Zein, Y.M., Bahruji, H., Fansuri, H., Ediati, R., and Juwari, J., 2015, The Potential of Reutealis trisperma Seed as a New non-Edible Source for Biodiesel Production, *Biomass Conv. Bioreff.*, 3, 347-353.
- Jarullah, A., 2011, Kinetic Modelling Simulation and Optimal Operation of Trickle Bed Reactor for *Hydrotreating* of Crude Oil, *Dissertation*, School of Engineering Design and Technology University of Bradford, London.

- Jha, M., Sinha, A., and Agnihotri, P., 2013, Hydroprocessing of Jatropha Oil To Produce Green Fuels, *Int. J. of Chem. Tech. Res.*, 5, 765-770.
- Knothe, G., 2010, Biodiesel and Green Diesel: A Comparison, *Prog. in Energy Combust. Sci.*, 36, 364-373.
- Kordulis, C., Bourikas, K., Gousi, M., and Kordouli, E., 2016, Development of Nickel Based Catalysts for the Transformation of Natural Triglycerides and Related Compounds into Green Diesel: a critical review, *Appl. Catal. B: Environ.*, 181, 156-196.
- Kumar, K. R., Channarayappa, Chandrika, K., Prasanna, K.T., and Gowda, B., 2015, Biodiesel Production and Characterization From non-Edible Oil Tree Species *Aleurites tisperma* Blanco, *Biomass Conv. Bioreff.*, 5, 287-294.
- Kussuryani, Y. dan Siregar, A.R., 2010, Teknologi Produksi Green Diesel Untuk Pembuatan Bahan Bakar Minyak Alternatif, *Lembaran Publikasi Lemigas*, 44, 32-38.
- Liu, Y., Boyas, R.S., Murata, K., Minowa, T., and Sakanishi, K., 2011, Hydrotreatment of Vegetable Oil to Produce Bio-hydrogenated and Liquified Petroleum Gas Over Catalyst Containing Sulfided NiMo and Solid Acid, *Energy and Fuels*, 25, 4675-4685.
- Maher, K. and Bressler, D., 2007, Pyrolysis of Triglyceride Materials for the Production of Renewable Fuels and Chemicals. *Bioresour. Technol.*, 98, 2351-2368.
- Martin, C., Moure, A., Martin, G., Carrillo, E., Dominguez, H., and Parajo, J.C., 2010, Fractional Characterization of Jatropha, Neem, Moringa, Trisperma, Castor, and Candlenut Seed as Potential Feedstock for Biodiesel Production in Cuba, *Biomass and Bioenergy*, 34, 533-538.
- Mjos, S.A., and Pettersen, J., 2001, *Improved Method for Analysis of Fatty Acid Isomers*, Norwegian Herring Oil and Meal Industry Research Institute, Fyllingsdallen.
- Nasikin, M., Susanto, B., Hirsaman, M., and Wijanarko, A., 2009, Biogasoline from Palm Oil by Simultaneous Cracking and Hydrogenation Reaction over NiMo/Zelite Catalyst, *World Appl. Sci. J.*, 5, 74-79.
- Peng, B., 2012, Transformation of Triglycerides and Fatty Acid into Biofuels with Sulfur Free Catalysts, *Dissertation*, Technischen Universitat Munchen, Munich.
- Rasyid, R., Prihartanty, A., Mahfud, and Roesyadi, A., 2015, Hydrocracking of Nyamplung Oil (*Calophyllum inophyllum* Oil) using CoMo/ γ -Al₂O₃ dan CoMo/SiO₂ catalyst, *Modern Appl. Sci.*, 9, 7.

- Romero, Y., Richard, F., and Brunet, S., 2010, Hydrodeoxygenation of 2-ethylphenol as a Model Compound of Bio-crude over Sulfided Mo-based catalyst: Promoting Effect and Reaction Mechanism, *Appl. Catal.*, 98, 213-223.
- Rothenberg, G., 2008, *Catalysis*, WILEY-VCH, Morlenbach.
- Rungnapa, K., Atthapon, S., Vorranutch, I., and Kajornsak, F., 2015, Deoxygenation of Waste Chicken Fats to Green Diesel over Ni/Al₂O₃: Effect of Water and Free Fatty Acid Content, *Energy and Fuels*, 29, 833-840.
- Simacek, P., Kubicka, D., Kubickova, I., Homola, F., Pospisil, M., and Chudoba, J., 2011, Premium Quality Renewable Diesel Fuel by Hydroprocessing of Sunflower Oil, *Fuel*, 90, 2473-2479.
- Srifa, A., Faungnawakij, K., Itthibenchapong, V., and Assabumrungrat, S., 2015, Roles of Monometallic Catalyst in Hydrodeoxygenation of Palm Oil to Green Diesel, *Chem. Eng. J.*, 249-258.
- Solikhah, M. D., Pratiwi, F. T., dan Diaztuti, M. D., 2015, Penentuan Metode Analisis Komposisi Asam Lemak dan Metil Ester pada Biodiesel dengan GC-MS tanpa Metilasi, *Seminar Sains dan Teknologi*, FT-UMJ.
- Veriansyah, B., Han, J. Y., Kim, S. K., Hong, S., Kim, Y.J., Lim, J. S., Shu, Y., Oh, S., and Kim, J., 2011, Production of Renewable Diesel by Hydroprocessing of Soyabean Oil: Effect of Catalysts, *Fuel*, 94, 578-585.