

DAFTAR PUSTAKA

- Abdulloh, Purkan, Nizar Hardiansyah, 2017, **Preparasi dan karakterisasi α -Fe₂O₃/Zeolit Y untuk reaksi perengkahan asam palmitat**, *Jurnal Kimia Riset*, 2: 57-64
- Ahmad, M., dkk, 2016, **Synthesis and activity evaluation of heterometallic nano oxides integrated ZSM-5 catalysts for palm oil cracking to produce biogasoline**, *Energy Conversion and Management*, 119: 352-360
- Cleveland, C Szostak, R., 2011, *Cracking : “The Encyclopedia of earth”*
- Emeis, C.A., 1993, **Determination of integrated molar extinction coefficients for infrared absorption of pyridine adsorbed on solid acid catalysts**, *Journal of Catalysis*, 141: 347-354
- Gates, B., 1991, *Catalytic Chemistry*, John Wiley & Sons, USA
- Goldstein, J., Newbury D., Joy, D., Lyman, C., Echlin, P., Lifshin, E., Sawyer, L. and Michael, J., 2003, *Scanning Electron Microscopy and X-Ray Microanalysis*, Kluwer Academic/Plenum Publisher, New York
- Groen, J.C., Moulijn, J.A. and Ramirez, J.P., 2005, **Decoupling mesoporosity formation and acidity modification in ZSM-5 zeolites by sequential desilication-dealumination**, *Microporous and Mesoporous Materials*, 87: 153-161
- Hermanto, S. dan A. Muawanah, 2010, **Profil dan karakteristik lemak hewani (ayam, sapi dan babi) hasil analisa FTIR dan GCMS**, *J. Sains Teknologi*, 9(2): 78-85
- Hilyati, Wuryaningsih, M. Nasir, Tasrif, dan T. Bauna, 2004, **Penentuan optimum sintesis alkil monoetanolamida dari minyak inti sawit**, *Indonesia J. Chemistry*, 4(2): 88-89
- Kareem, S.O., 2017, **Enzymatic biodiesel production from palm oil and palm kernel oil using free lipase**, *Egyptian Journal of Petroleum*, 635-642
- Le, Page, 1987, *Applied Heterogenous Catalysis*, Edition Technip, Paris: 127
- Li, Lu, Kejing Quan, Juming Xu, Fusheng Liu, Shiwei Liu, Shitao Yu, Congxia Xie, 2014, **Liquid hydrocarbon fuels from catalytic cracking of rubber seed oil using USY as catalyst**, *Fuel*, 123 (2014): 189-193

- Lowell, S., dkk, 2004, *Characterization of porous solids and powders: surface area, pore size and density*, Kluwer Academic Publishers, New York
- Narayan, S., dkk, 2015, *Characterization and catalytic reactivity of mordenite – Investigation of selective oxidation of benzyl alcohol*, Polyhedron, 89(2015): 289-296
- Novrita, C.R., 2013, *Preparasi dan Karakterisasi Katalis Logam yang diembankan pada Zeolit Alam Aktif untuk Konversi Limbah Plastik menjadi Fraksi Bahan Bakar*, FMIPA UGM, Yogyakarta
- Perry, R.H. and Green, D.W., 1997, *Perry's Chemical Engineer's Handbook. Seventh Edition*, McGraw-Hill
- Platon dan Thomsson, 2003, **Quantitative Lewis/Brønsted ratios using DRIFTS, Applied Catalysis Industrial Engineering Chemistry Research**, 42: 5988-5992
- Prado, C.M.R., Filho, N.R.A., 2009, **Production and characterization of the biofuels obtained by thermal cracking and thermal catalytic cracking of vegetable oils**, *Journal of Analytical and Applied Pyrolysis*, 86: 338-347
- Prihandana, R., K. Noerwijati, P.G. Adinurani, D. Setyaningsih, S. Setiadi dan R. Hendroko, 2007, *Bioetanol Ubi Kayu Bahan Bakar Masa Depan*, Agro Media Pustaka, Jakarta
- Rahayu, Puji Eka, Sigit Priatmoko, and Sri Kadarwati, 2013, **Konversi Minyak Sawit Menjadi Biogasoline Menggunakan Katalis Ni/Zeolit Alam**, *Indonesian Journal of Chemical Science* 2 (2)
- Rouessac, F., & Rouessac, A., 2000, *Chemical analysis: modern instrumental methods and techniques*, John Wiley, New York
- Schwarz, 1995, *Motheds For Preparation Of Catalytic Materials*, Chemical Review, 95: 477-510
- Setiyono, Andik, 2014, **Studi Kadar Mangan (Mn) pada Air Sumur Gali di Desa Karangnungkul Kecamatan Karangnungkul Kabupaten Tasikmalaya**, *Jurnal Kesehatan Komunitas Indonesia*, 10: 1
- Subsadsana, M., dkk, 2017, **Synthesis and catalytic performance of bimetallic NiMo- and NiW-ZSM-5/MCM-41 composites for production of liquid biofuels**, *J Fuel Chem Technol*, 45(7): 805-816
- Trisunaryanti, W, 2009, **Zeolit Alam Indonesia: Sebagai Adsorben dan Katalis dalam Mengatasi Masalah Lingkungan dan Krisis Energi**, Pidato

Pengukuhan Guru Besar Kimia MIPA UGM, Gadjah Mada Press, Yogyakarta

Triyono, 2002, **Kimia Katalis**, Yogyakarta: Jurusan Kimia Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Gadjah Mada: 101

Wang, S., Qinjie Cai, Junhao Chen, Li Zhang, Lingjun Z., Zhongyang L., 2015, **Co-cracking of bio-oil model compound mixtures and ethanol over different metal oxide-modified HZSM-5 catalysts**, *Fuel* (2015)

Wijanarko, A., 2006, *Produksi Biogasoline dari Minyak Sawit melalui Reaksi Perengkahan Katalitik dengan Katalis γ -Alumina*, Makara, teknologi, Universitas Indonesia, Hal.51-60

Widayat, Buchori, L., 2009, **Pembuatan Biodiesel dari Minyak Goreng Bekas dengan Proses Catalytic Cracking**, Seminar Nasional Teknik Kimia Indonesia-SNTKI 2009, ISBN 978-979-98300-1-2: 1-8

www.bphmigas.go.id, 16 oktober 2018