REFERENCE

[1] Adhikari, S., Fernando, S.& Haryanto, A. (2007). A Comparative Thermodynamic and Experimental Analysis on Hydrogen Production by Steam Reforming of Glycerin. Energy Fuels,21(4):2306-2310.

[2] Adhikari, S., Fernando, S., Gwaltney, S.R., To, S.D.F., Bricka, R.M., Steele, P.H & Haryanto, A. (2007). A Thermodynamic Analysis of Hydrogen Production by Steam Reforming of Glycerol. International Journal of Hydrogen Energy, 32(14):2875-2880.

[3] Alipor, Z., Rezaei, M., & Meshkani, F. (2014). Effect of alkaline earth promoters (MgO, CaO and BaO) on the activity and coke formation of Ni catalyst supported on nanocrystalline Al_2O_3 in dry reforming of methane. Journal of Industrial and Engineering Chemistry, 20(5), 2858-2863.doi:10.1016/j.jiec.2013.11.018

[4] Bahari, M.B., Chin, B., Pham, T. L. M., Ji, T., Danth, H. T., Ainirazali, N., & Vo, D. N. (2016). Hydrogen-rich Syngas Production from Ethanol Dry Reforming on La-doped Ni/ Al_2O_3 Catalysts : Effect of promoter loading. Procedia Engineering, 148, 654-661. doi:10.1016/j.proeng.2016.06.531

[5] Bang, Y.J., Seo, J.G., Song, I.K. (2011). Hydrogen production by steam reforming of Liquefied Natural Gas (LNG) over mesoporous Ni-La-Al_2O_3 aerogel catalyst: effect of La content. *Int. J. Hydrogen Energy* 36: 8307-8315

[6] Chang, J.S. Park, S.E., Yoo, J.W. , Park, J.N. (2000).Catalystic Behavior of Supported KNiCa Catalyst and Mechanism Consideration for Carbon Dioxide Reforming of Methane,Journal of Catalysis. 195(1):1-11 .

[7] Chaudhari, S. & Bakhshi, N.(2002). Steam Gasification of Chars and Bio-oil. Report to Bioenergy Development Program Renewable Energy Branch. Energy, Mines and Resources Canada, Ottawa, Canada, pp.396-436.

[8] Chheda, J.N., Huber, G.W. & Dumesic , J.A. (2007). Liquid-Phase Catalytic Processing of Biomass-Derived Oxygenated Hydrocarbons to Fuels and Chemicals. Angewandle Chemie International Edition, 46(38):462-522.

[9] Cook, K. M., Perez, H. D., Bartholomew, C. H., & Hecker, W. C. (2014). Effect of promoter deposition order on platinum-, ruthenium-, or rhenium-promoted cobalt Fischer-Tropsch catalysts. Applied Catalysts A: General, 482, 275-286. doi:10.1016/j.apcata.2014.05.013

[10] Ebshish , A., Yaakob, Z., Narayanan, B., Bshish , A. & Wan Daud, W.R. (2011). The Activity of Ni-Based Catalysts on Steam Reforming of Glycerol for Hydrogen Production. International Journal of Hydrogen Energy,3:5-8.

[11] Estelle, J. (2003). Comparative study of the morphology and surface properties of nickel oxide prepared from different precursors. Solid State Ionics, 156(1-2), 233-243. doi:10.1016/S0167-2738(02)00612-4

[12] Estelle, J., Salagre, P., Cesteros, Y., Serra, M., Medina, F., & Sueiras, J. E. (2003). Comparative study of the morphology and surface properties of nickel oxide prepared from different precursors. Solid State Ionics, 156(1-2), 233-243. doi:10.1016/S0167-2738(02)00612-4

[13] Fan, X., Burton, R., & Zhou, Y. (2010). Glycerol (Byproduct of Biodiesel Production) as a Source for Fuels and Chemicals – Mini Review . The Open Fuels & Energy Science Journal,3(1):17-22. doi:10.2174/1876973X01003010017

[14] Fernandez Y., Arenillas A., Bermudez J.M. & Menendez J.A. (2010). Comparative Study of Conventional and Microwave-assisted Pyrolysis ,Steam and Dry Reforming of Glycerol for Syngas Production Using a Carbonaceous Catalyst. Journal of Analytical and Applied Pyrolysis,88(2):155-159. doi:10.1016/j.jaap.2010.03.009

[15] Fernandez, Y., Arenillas, A., Diez, M.A. Pis, J.J. & Menendez, J.A. (2009). Pyrolysis of Glycerol over Activated Carbons for Syngs Production. Journal of Analytical and Applied Pyrolysis.84(2):145-150. doi:10.1016/j.jaap.2009.01.004

[16] Harun, N., Gimbun, J., Azizan, M., & Abidin, S. (2016). Characterization of Ag-promoted Ni/SiO2 Catalysts for Syngas Production via Carbon Dioxide (CO2) Dry Reforming of Glycerol. Bulletin of Chemical Reaction Engineering & Catalysis, 11(2), 220-229. doi:http://dx.doi.org/10.9767/bcrec.11.2.553.220-229

[17] Hirai. T., Ikenaga, N., Miyake, T. & Suzuki, T. (2005). Production of Hydrogen by Steam Reforming of Glycerin on Ruthenium Catalyst. Energy & Fuels, 19(4):1761-1762. doi:10.1021/efo50121q

[18] Huang, Z. Y., Xu, C. H., Meng, J., Zheng, C. F., Xiao, H. W., Chen, J., & Zhang, Y. X. (2014). Glycerol steam reforming to syngas over Ni-based catalysts on commercial Linde-type 5A zeolite modified by metal oxides. Journal of Environmental Chemical Engineering, 2(1), 598-604. doi:10.1016/j.jece.2013.10.015

[19] Iriondo, A., Barrio, V. L., Cambra, J. F., Arias, P. L., Guemez, M. B., Navarro, R. M., Fierro, J. L. G. (2008). Hydrogen production from glycerol over nickel catalysts supported on Al_2O_3 modified by Mg, Zr, Ce or La. Topics in Catalysis, 49(1-2), 46-58. doi:10.1007/S11244-008-9060-9

[20] Kumar P, Sun YP, Idem RO. Comparative study of Ni-based mixed oxide catalyst for carbon dioxide reforming of methane. Energy Fuels 2008;22:3575-82.

[21] Lee, H. C., Siew, K. W., Gimbun, J., & Cheng, C. K. (2013). Application of cement clinker as Ni-catalyst support for glycerol dry reforming. Bulletin of Chemical Reaction Engineering and Catalysis, 8(2), 137-144. doi:10.9767/bcrec.8.2.5023.137-144

[22] Lin, Y.(2013). Catalytic Valorization of Glycerol to Hydrogen and Syngas. International Journal of Hydrogen Energy, 38(6):2678-2700.

[23] Mackaluso, J.D. (2007). The Use of Syngas Derived from Biomass and Waste Products to Produce Ethanol and Hydrogen . Basic Biotechnology eJournal, 3:98-103.

[24] Mohammadia, M., Najafpour, G.D., Younesic, H., Lahijani, P., Uzira, M.H. & Mohamed, A.R. (2011).Bioconversion of Synthesis Gas to Second Generation Biofuels : A Review. Renewable and Sustainable Energy Reviews, 15(9): 4255-4273.

[25] Mohd Arif, N., Vo, D., Azizan, M., & Abidin, S. (2016). Carbon Dioxide Dry Reforming of Glycerol for Hydrogen Production using Ni/ZrO_2 and Ni/CaO as Catalysts. Bulletin of Chemical Reaction Engineering & Catalysis, 11(2), 200-209.

[26] Peres, A.P.G., da Silva, N.d.L., Maciel, M.R.W. & Filho, R.M. (2011). Syngas Production from Crude Glycerol Using Pyrolysis. Journal of Chemical & Engineering Data, 5:141-145 .

[27] Ranjbar, A., & Rezaei , M. (2012). Preparation of Nickel Catalyst Supported on CaO.2Al_2O_3 for Methane Reforming with Carbon Dioxide . International Journal of Hydrogen Energy ,37(8):6362:6356.

[28] Razaei, M., Alavi , S.M., Sahebdelfar, S., Xinmei L., Qian, L., & Yan Z.F. (2007). $CO_2 - CH_4$ Reforming over Nickel Catalyst Supported on Mesoporous Nanocrystalline Zirconia with High Surface Area. Energy & Fuels, 21(2):581-589 .

[29] Rogers , P.L., Jeon, Y.J. & Svenson , C.J. (2005). Application of Biotechnology to Industrial Sustainability. Trans IChemE, Part B , Process Safety and Environmental Protection, 83(B6): 499-503.

[30] Rosen, B. a., Gileadi, E., & Eliaz, N. (2016). Electrodeposited Re-promoted Ni foams as a catalyst for the dry reforming of methane. Catalysis Communications, 76, 23-28. doi:10.1016/j.catcom.2015.12.014

[31] Siew, K. W., Lee, H. C., Gimbun, J., & Cheng, C. K. (2013). Hydrogen production via glycerol dry reforming over La-Ni/Al_2O_3 catalyst. Bulletin of Chemical Reaction Engineering and Catalysis, 8(2). 160-166. doi:10.9767/bcrec.8.2.4874.160-166

[32] Siew, K. W., Lee, H. C., Gimbun, J., & Cheng, C. K. (2014). Production of CO-rich hydrogen gas from glycerol dry reforming over La-promoted Ni/Al_2O_3 catalyst. International Journal of Hydrogen Energy, 39(13), 6927-6936.

[33] Slin, M., Kendell, K., Mallon, C. & Andrews, J.(2008). Steam Reforming of Biodiesel by-product to Make Renewable Hydrogen.Bioresource Technology,99(13): 5851-5858.

[34] Wang, X., Li, M., Wang, M., Wang, H., Li, S., Wang , S. & Ma, X. (2009). Thermodynamic Analysis of Glycerol Dry Reforming for Hydrogen and Synthesis Gas Production. Fuel,88(11):2148-2153.

[35] Zhang, B., Tang, X., Li, Y., Xu, Y., & Shen, W. (2007). Hydrogen Production from Steam Reforming of Ethanol and Glycerol over Ceria-supported Metal Catalyst. International Journal of Hydrogen Energy, 32(13):2367-2373.

[36] Zhang, Y., Zhang, G., Zhang, B., Guo, F.& Sun, Y.(2011). Effects of Pressure on CO_2 Reforming of CH_4 over Carbonaceous Catalyst. Chemical Engineering Journal, 173(2):592-597.