เอกสารอ้างอิง

จีระวัฒน์ พันธนิตย์ และ ไพศาล คงคาฉุยฉาย (2550) การสังเคราะห์ซีโอไลต์ชนิด SUZ-4 จากเถ้าแกลบ, เอกสารประกอบการประชุมวิชาการของมหาวิทยาลัยเกษตรศาสตร์ ครั้งที่ 45 เล่มที่ 5 สาขาสถาปัตยกรรมศาสตร์และวิศวกรรมศาสตร์, 30 มกราคม – 2 กุมภาพันธ์ 2550

สุทธิพงษ์ เลิศอุไรวงศ์ และ ไพศาล คงคาฉุยฉาย (2554) การพัฒนาตัวเร่งปฏิกิริยาซีโอไลต์ SUZ-4 จากเถ้าแกลบเพื่อใช้ในการกำจัดก๊าซพิษไนโตรเจนออกไซด์ Development of Zeolite SUZ-4 Catalyst from Rice Husk Ash for NOx Removal เอกสารประกอบการประชุมเสนอผลงานวิจัยระดับบัณฑิตศึกษาแห่งชาติ ครั้งที่ 22 บัณฑิตวิทยาลัย มหาวิทยาลัยเกษตรศาสตร์ 6-7 ตุลาคม 2554

Amarin Phatruk and Paisan Kongkachuichay. (2009). Synthesis of SUZ-4 Zeolite Catalyst from Rice Husk Ash, TIChE, The 19th Research Cooperation Between Academies and Industries in Thailand, Felix River Kwai Resort, Kanchanaburi, by Silpakorn university 26-27 Oct. (In Thai).

Asensi, M.A., Camblor, M.A., Martinez, A. (1999). Zeolite SUZ-4: reproducible synthesis, physicochemical characterization and catalytic evaluation for the skeletal isomerization of n-butenes. *Microporous and Mesoporous Materials.* 28, 427-436.

Bakker, W.J.W., Broeke, L.J.P. van den, Kaptejin, F., and Moulijn, J.A.. (1997) Temperature Dependence of One- Component Permeation through a Silicalite – 1 Membrane, AIChE Journal. 43, 2203-2214.

Basile, A., Drioli, E., Santella, F., Violante, V., Capannellid, G., Vitulli, G. (1996). A Study on Catalytic Membrane Reactors for Water Gas Shift Reaction. *Gas. Sep. Purif.* 10, 53-61.

Bosch H and Janssen F. (1988) Catalytic Reduction of Nitrogen Oxides: A Review on the Fundamentals and Technology. *Catalysis Today* 2, 369-375.

Caro, J., Noack, M., Kolsch, P., Schafer, R. (2000). Zeolite membranes – state of their development and perspective. *Microporous and Mesoporous Materials.* 38, 3-24.

Centeno, T.A. and Fuertes. A.B. (1999) Supported Carbon Molecular Sieve Membranes Based on a Phenolic Resin. *Journal of Membrane Science* 160, 201-211.

Djega-Mariadassou G. (2004) From Three-way to deNOx Catalysis: A General Model. *Catalysis Today* 90, 27-34.

Gabriele, C., Roland, D., Siglinda, P., Martin, R. (2003). Tubular Inorganic Catalytic Membrane Reactors: Advantages and Performance in Multiphase Hydrogenation Reactions. *Catalysis Today.* 79–80, 139–149.

Gobina, E., Hughes, R. (1996). Reaction Coupling in Catalytic Membrane Reactors. *Chemical Engineering Science.* 51, 3045-3050.

Gujar, A.C., Price, G.L. (2002). Synthesis of SUZ-4 in the K^+/TEA^+. *Microporous and Mesoporous Materials.* 54, 201-205.

Lawton S.L., J.M. Bennett, J.L. Schlenker, and M.K. Rubin. (1993) Synthesis and Proposed Framework Topology of Zeolite SUZ-4. *J. Chem. Soc., Chem. Commun.* 23, 894-896.

Lukyanov, D.B., V.L. Zholobenko, J. Dwyer, S.A.I. Barri. and W.J. Smith. (1999) On the Structural, Acidic and Catalytic Properties of Zeolite SUZ-4. *J. Phys. Chem. B*, 103, 197-202.

Robonson, H., Lillerud, K.P. (2001). Verified Synthesis of Zeolitic Materials, 2nd ed.;Elsevier.

Romanos, G.E., Steriotis, T.A., Kikkinides, E.S., Kanellopoulos, N.K. Kasselouri, V., Ramsay, J.D.F., Langlois, P., Kallus, S. (2001). *Innovative methods for preparation and testing of Al_2O_3 supported silicalite-1 membranes.* Journal of the European Ceramic Society. 21, 119-126.

Silva, E.R., Silva, J.M., Vaz, M.F., Oliveira, F.A.C., Ribeiro F. (2009). Cationic polymer surface treatment for zeolite washcoating deposited over cordierite foam. *Materials Letters.* 63, 572–574.

Souvik, B. and Randip, K.D. (2001). Catalytic Reduction of NOx in Gasoline Engine Exaust Copper and Nickel Exchanged X-Zeolite Catalysts. *Energy Conversion and Management.* 42, 2019-2027.

Subbiah, A., Cho, B.K., Blint, R.J., Gujar, A., Price, G.L., Yie, J.E. (2003). NOx Reduction over Metal-Ion Exchanged Novel Zeolite under Lean Conditions: Activity and Hydrothermal Stability. *Applied Catalysis B: Environmental.* 42: 155–178.

Vospernik, M., Pintar, A., Bercic, G., Batista, J., Levec, J. (2004). Potentials of Ceramic Membranes as Catalytic Three-Phase Reactors. *Chemical Engineering Research and Design.* 82, 659–666.

Wee, S.L., Tye, C.T., Bhatia, S. (2008). Membrane Separation Process-Pervaporation through Zeolite Membrane*. Separation and Purification Technology*. 63, 500–516.

Wei, M., Zhang, G., Qide, W.U. (2003). The surface characteristics of polyacrylamide-coated silicon carbide powder used in the preparation of highly concentrated ceramics suspensions. *Journal of Materials Science.* 38, 4033 – 4039.

Wei X., João C. Diniz da C.,Gao Q.L. and Yan, Z. F. (2009). **Zeolite Membranes**. Taylor & Francis Group.

Worathanakul, P. and Kongkachuichay P. (2008). New SUZ-4 Zeolite Membrane from Sol-Gel Technique. *International Journal of Chemical and Biomolecular Engineering*. 1, 3-8.

Yin, X., Wang, J., Chu, N., Yang, J., Lu, J., Zhang, Y., Yin, D. (2010) Zeolite L/Carbon Nanocomposite Membranes on the Porous Alumina Tubes and Their Gas Separation Properties. *Journal of Membrane Science* 348, 181-189

Zholobenko, V.L., D.B. Lukyanov. and J. Dwyer. (1998). Ferrierite and SUZ-4 zeolite: Characterization of acid sites *J. Phys. Chem. B* 102, 2715.