

REFERENCES

- Bethke, G.K. and Kung, H.H. (2000). Selective CO oxidation in hydrogen-rich stream over Au/ γ -Al₂O₃ catalysts. Applied Catalysts A: General, 194-195, 43-53.
- Debeila, M.A., Coville, N.J., Scurrall, M.S., and Hearne, G.R. (2002). DRIFTS studies of the interaction of nitric oxide and carbon monoxide on Au-TiO₂. Catalysis Today, 72, 79-87.
- Epling, W.S., Hoflund, G.B., and Weaver, J.F. (1996). Surface characterization study of Au/ α -Fe₂O₃ and Au/Co₃O₄ low-temperature CO oxidation catalysts. Journal of Physical Chemistry, 100, 9929-9934.
- Grisel, R.J.H., Weststrate, C.J., Goossens, A., Craje, M.W.J., van der Kraan, A.M., and Nieuwenhuys, B.E. (2002). Oxidation of CO over Au/MnO_x/Al₂O₃ multi-component catalysts in a hydrogen-rich environment. Catalysis Today, 72, 123-132.
- Guczi, L., Horvath, D., Paszti, Z., and Peto, G. (2002). Effect of treatments on gold nanoparticles, relation between morphology, electron structure and catalytic activity in CO oxidation. Catalysis Today, 72, 101-105.
- Haruta, M., Tsubota, S., Kobayashi, T., Kageyama, H., Genet, M., and Delmon, B. (1993). Low-temperature oxidation of CO over gold supported on TiO_x, α -Fe₂O₃, and Co₃O₄. Journal of Catalysis, 144, 175-192.
- Harura, M., Ueda, A., Tsubota, S., and Torres Sanchez, R.M. (1996). Low-temperature catalytic combustion of methanol and its decomposed derivatives over supported gold catalysts. Catalysis Today, 29, 443-447.
- Haruta, M. (1997). Size- and support-dependency in the catalysis of gold. Catalysis Today, 36, 153-166.
- Hoflund, G.B. and Gardner, S.D. (1995). Effect of CO₂ on the performance of Au/MnO_x and Pt/SnO_x low-temperature CO oxidation catalysts. Langmuir, 11, 3431-3434.
- Hoflund, G.B., Gardner, S.D., Schryer, D.R., Upchurch, B.T., and Kielin, E.J. (1995). Au/MnO_x catalytic performance characteristics for low-

- temperature carbon monoxide oxidation. Applied Catalysis B: Environmental, 6, 117-126.
- Hodge, N.A., Kiely, C.J., Whyman, R., Siddiqui, M.R.H., Hutchings, G.J., Pankhurst, Q.A., Wagner, F.E., Rajaram, R.R., and Golunski, S.E. (2002). Microstructural comparison of calcined and uncalcined gold/iron-oxide catalysts for low-temperature CO oxidation. Catalysis Today, 72, 133-144.
- Igarashi, H., Uchida, H., Suzuki, M., Sasaki, Y., and Watanabe, M. (1997). Removal of carbon monoxide from hydrogen-rich fuels by selective oxidation over platinum catalyst supported on zeolite. Applied Catalysis A: General, 159, 159-169.
- Ito, S.-I. Fujimori, T., Nagashima, K., Yusaki, K., and Kunimori, K. (2000). Strong rhodium-niobia interaction in Rh/Nb₂O₅, Nb₂O₅-Rh/SiO₂ and RbNbO₄/SiO₂ catalysts. Catalysis Today, 57, 247-254.
- Kahlich, M.J., Gasteiger, H.A., and Behm, R.J. (1997). Kinetics of the selective CO oxidation in H₂-rich gas on Pt/Al₂O₃. Journal of Catalysis, 171, 93-105.
- Kahlich, M.J., Gasteiger, H.A., and Behm, R.J. (1999). Kinetics of the selective low temperature oxidation of CO in H₂-rich gas over Au/ α -Fe₂O₃. Journal of Catalysis, 182, 430-440.
- Kang, Y.-M. and Wan, B.-Z. (1995). Pretreatment effect of gold/iron/zeolite-Y on carbon monoxide oxidation. Catalysis Today, 26, 59-69.
- Kordesch, K. and Simader, G. (1996). Fuel cells and their applications. 1st ed. Weinheim. NewYork.
- Korotkikh, O. and Farrauto, R. (2000). Selective catalytic oxidation of CO in H₂: fuel cell applications. Catalysis Today, 62, 249-254.
- Lin, C.-H., Hsu, S.-H., Lee, M.-Y., and Lin, S.D. (2002). Active morphology of Au/ γ -Al₂O₃ – a model by EXAFS. Journal of Catalysis, 209, 62-68.
- Oh, S.H. and Sinkevitch, R.M. (1993). Carbon monoxide removal from hydrogen-rich fuel cell feedstreams by selective catalytic oxidation. Journal of Catalysis, 142, 254-262.

- Oh, H.-S., Yang, J.H., Costello, C.K., Wang, Y.M., Bare, S.R., Kung, H.H., and Kung, M.C. (2002). Selective catalytic oxidation of CO: effect of chloride on supported Au catalysts. Journal of Catalysis, 210, 375-386.
- Torres Sanchez, R.M., Ueda, A., Tanaka, K., and Haruta, M. (1997). Selective oxidation of CO in hydrogen over gold supported on manganese oxides. Journal of Catalysis, 168, 125-127.
- Schimpf, S., Lucas, M., Mohr, C., Rodemerck, U., Bruckner, A., Radnick, J., Hofmeister, H., and Claus, P. (2002). Supported gold nanoparticles: in-depth catalyst characterization and application in hydrogenation and oxidation reactions. Catalysis Today, 72, 63-78.
- Schubert, M.M., Gasteiger, H.A., and Behm, R.J., (1997). Surface formates as side products in the selective CO oxidation on Pt/ γ -Al₂O₃. Journal of Catalysis, 172, 256-258.
- Son, I.H., Shamsuzzoha, M., and Lane, A.M. (2002). Promotion of Pt/ γ -Al₂O₃ by new pretreatment for low-temperature preferential oxidation of CO in H₂ for PEM fuel cells. Journal of Catalysis, 210, 460-465.
- Tanielyan, S.K and Augustine, R.L. (1992). Effect of catalyst pretreatment on the oxidation of carbon monoxide over coprecipitated gold catalysts. Applied Catalysis A: General, 85, 73-87.
- Teng, Y., Sakurai, H., Ueda, A., and Kobayashi, T. (1999). Oxidative removal of CO contained in hydrogen by using metal oxide catalysts. International Journal of Hydrogen Energy, 24, 355-358.
- Thomas, J.M., and Thomas, W.J. (1997). Principles and practice of heterogeneous catalysis. 1st ed. Weinheim. NewYork.
- Utaka, T., Sekizawa, K., and Eguchi, K. (2000). CO removal by oxygen-assisted water gas shift reaction over supported Cu catalysts. Applied Catalysis A: General, 194-195, 21-26.
- Wang, G.Y., Lian, H.L., Zhang, W.X., Jiang, D.Z., and Wu, T.H. (2002). Stability and deactivation of Au/Fe₂O₃ catalysts for CO oxidation at ambient temperature and moisture. Kinetics and Catalysis, 43, 433-442.

CURRICULUM VITAE

Name: Ms. Dao Thi Kim Thoa

Date of Birth: December 24, 1975

Nationality: Vietnamese

University Education:

1993-1998 Bachelor Degree of Science in Petrochemical Technology,
Faculty of Chemistry, Ho Chi Minh City University of
Technology, Ho Chi Minh City, Vietnam.

Working Experience:

1998-2001 Assistant Lecturer
Ho Chi Minh City University of Technology, Ho Chi Minh
City, Vietnam.