

REFERENCES

- Bitter, J. H., Seshan, K., and Lercher, J. A. (1997). The state of zirconia supported platinum catalysts for CO₂/CH₄ reforming. Journal of Catalysis, 171, 279-286.
- Bitter, J.H., Seshan, K., and Lercher, J. A. (1999) Deactivation and coke accumulation during CO₂/CH₄ reforming over Pt catalysts. Journal of Catalysis, 183, 336-343.
- Chak-Tong, A., Ching-Fai, N., and Meng-Sheng, L. (1999). Methane dissociation and syngas formation on Ru, Os, Rh, Ir, Pd, Pt, Cu, Ag, and Au: A Theoretical study. Journal of Catalysis, 185, 12-22.
- Diskin, A. M., Cunningham, R. H. and Ormerod, R. M. (1998). The oxidative chemistry of methane over supported nickel catalyst. Catalysis Today, 46, 147-154.
- Edwards, J. H., and Maitra, A. M. (1995). The chemistry of methane reforming with carbon dioxide and its current and potential applications. Fuel Processing Technology, 42, 269-289.
- Hai-You, W., and Chak-Tong, A. (1996). CH₄/CD₄ isotope effects in the carbon dioxide reforming of methane to syngas over SiO₂-supported nickel catalysts. Catalysis Letters, 38, 77-79.
- Hally, W., Bitter, J. H., Seshan, K., Lercher, J. A., and Ross, J. R. H. (1994). Problem of coke formation on Ni/ZrO₂ catalysts during the carbon dioxide reforming of methane. Studies in Surface Science and Catalysis, 88, 167-173.
- Hegarty, M. E. S., O'Conner, A. M., and Ross, J. R. H. (1998) Syngas production from natural gas using ZrO₂-supported metals. Catalysis Today, 42, 225-232.

- O'Conner, A. M., and Ross, J. R. H. (1998). The effect of O₂ addition on the carbon dioxide reforming of methane over Pt/ZrO₂ catalysts. Catalysis Today, 46, 203-210.
- Ross, J. R. H., Van Keulen, A. N. J., Hegarty, M. E. S., and Seshan, K. (1996). The catalytic conversion of natural gas to useful products. Catalysis Today, 30, 193-199.
- Stagg, S. M., and Resasco, D. E. (1997). Effects of promoters and supports on coke formation of Pt catalysts during CH₄ reforming with CO₂. Studies in Surface Science and Catalysts, 111, 543-550.
- Stagg, S. M., and Resasco, D. E. (1998). Effect of promoters on supported Pt catalysts for CO₂ reforming of CH₄. Studies in Surface Science and Catalysts, 119, 813-818.
- Stagg, S. M., Romeo, E., Padro, C., and Resasco, D. E. (1998). Effect of promotion with Sn on supported Pt catalysts for CO₂ reforming of CH₄. Journal of catalysis, 178, 137-145.
- Steghuis, A. G., Van Ommen, J. G., and Lercher, J. A. (1998). On the reaction mechanism for methane partial oxidation over yttria/zirconia. Catalysis Today, 46, 91-97.
- Trovarelli, A., de Leitenburg, C., and Dolcetti, G. (1997). Design better cerium-based oxidation catalysts. Chemtech, 27(6), 32-37.
- Trovarelli, A., de Leitenburg, C., Boaro, M., and Dolcetti, G. (1999). The utilization of ceria in industrial catalysis. Catalysis Today, 50, 353-367.
- Van Keulen, A. N. J., Seshan, K., Hoebink, J. H. B. J., and Ross, J. R. H. (1995). The development of platinum-zirconia catalysts for the CO₂ reforming of methane. Journal of catalysis, 166, 306.
- Zhenxing, C., Qingle, W., Jinlu, L., and Qiming, Z. (1996). Effects of promoters and preparation procedures on reforming of methane with carbon dioxide over Ni/Al₂O₃ catalyst. Catalysis Today, 30, 147-155.

CURRICULUM VITAE

Name: Ms. Nataphan Sakulchaicharoen

Date of Birth: April 24th, 1977

Nationality: Thai

University Education:

1994-1997 Bachelor Degree of Science in Chemical Engineering
Faculty of Science, Chulalongkorn University,
Bangkok, Thailand