

References

1. Sachtler, W. M. H.; and Zhang, Z. *Adv. Catal.*, **1993**, *39* : 129.
2. Suib, S. L.; Kostapapas, A.; McMahon, K. C.; Baxter, J. C.; and Winiecki, A. M. *Inorg. Chem.*, **1985**, *24* : 858.
3. Bein, T.; McLain, S. J.; Corbin, D. R.; Farlee, R. F.; Möller, K.; Stucky, G. D.; Woolery, G.; and Sayers, D. *J. Am. Chem. Soc.*, **1988**, *110* : 1801.
4. Davis, M. E.; and Rossin, J. A.; Hanson B. E.; and Taylor D. *J. Mol. Catal.*, **1987**, *39* : 243.
5. Davis, M. E.; Rode, E.; Taylor, D.; and Hanson, B. E. *J. Catal.*, **1984**, *86* : 67.
6. Huang, T.; Schwartz, J.; and Kitajima, N. *J. Mol. Catal.*, **1984**, *22* : 389.
7. Bowers, C.; and Dutta, P. K. *J. Catal.*, **1990**, *122* : 271.
8. Sun, H.; Blatter, F.; and Frei, H. *J. Am. Chem. Soc.*, **1994**, *116* : 7951.
9. Balkus, K. J.; Eissa, M.; and Levado, R. *J. Am. Chem. Soc.*, **1995**, *117* : 10753.
10. Hutchings, G. J.; and Lee, D. F. *J. Chem. Soc., Chem. Commun.*, **1994** : 2503.

11. Sulikowski, B.; Haber, J.; Kubacka, A.; Pamin, K.; Olelniczak, Z.; and Ptazynski, J. *Catal. Lett.*, **1996**, *39* : 27.
12. Parton, R. F.; Peere, G. J.; Neys, P. E.; Jacobs, P. A.; Claessens, R.; and Baron, G. V. *J. Mol. Catal.*, **1996**, *113* : 445.
13. Yermakov, Y. I. *Catal. Rev. Sci. Eng.*, **1976**, *13* : 77.
14. Hung, T.; and Schwartz, J. *J. Am. Chem. Soc.*, **1982**, *104* : 5244.
15. Borvornwattananont, A.; and Bein, T. *J. Am. Chem. Soc.*, **1992**, *96* : 9447.
16. Haas, A.; Finger, K. E.; and Alkemade, U. *Appl. Catal.*, **1994**, *115* : 103.
17. Dwyer, J.; and Rawlence, D. J. *Catal. Today*, **1993**, *18* : 487.
18. Ramachandran, S.; Lenz, T. G.; Skiff, W. M.; and Rappe A. K. *J. Phys. Chem.*, **1996**, *100* : 5898.
19. Bezman, R. *Catal. Today*, **1992**, *13* : 143.
20. Song, X. M.; and Sayari, A. *Appl. Catal.*, **1994**, *110* : 121.
21. Puskas, I. *Catal. Lett.* **1993**, *22* : 283.
22. Balkus, K. J.; Eissa, M.; and Levado, R. *J. Am. Chem. Soc.*, **1995**, *117* : 10753.
23. Páez-Mozo, E.; Gabriunas, N.; and Maggi, R. *J. Mol. Catal.*, **1994**, *91* : 251.
24. Vaughan, D. E. W. *Synthesis of type Y zeolite*, US Patent No. 4,178,352, 11 Dec. **1979**.

25. Heras, J. V.; Cano, M.; Lobo, M. A.; and Pinilla, E. *Polyhedron*, **1989**, *8* : 167.
26. Moasser, B.; and Gladfelter, W. L. *Inorg. Chim. Acta.*, **1996** :125.
27. Macdougall, J. K.; Simpson, M. C.; Green, M. J.; and Colehamilton, D. J. *J. Chem. Soc., Dalt. Tran.*, **1996**, *6* : 1161.
28. Yamamoto, K.; Momose, S.; Funahashi, M.; and Ebata, S. *Chem. Lett.*, **1994** : 189.
29. Casey, C. P.; Whiteker, G. T.; and Melville, M. G. *J. Am. Chem. Soc.*, **1992**, *114* : 5535.
30. Breck, D. W. *Zeolite Molecular Sieves : Structure, Chemistry and Use*, New York: John Wiley & Sons, **1974**.
31. Dyer, A. *An Introduction to Zeolite Molecular Sieves*, Singapore: John Wiley & Sons, **1988**.
32. Smart, L.; and Moore, E. *Solid State Chemistry*, London: Chapman & Hall University, **1992**.
33. Szostak, R. *Molecular Sieves : Principles of synthesis and Identification*, New York: Van Nostrand Reinhold, **1989**.
34. Rollman, L. D. *Zeolites : Science and Technology*, Netherlands: Martinus Nijhoff, **1984**.
35. Breck, D. W. *Crystalline Zeolite Y*, US Patent No. 3,130,007, 21 Apr. **1964**.

36. Whattam, T. V. *Manufacture of Synthetic Zeolites*, US Patent No. 4,016,246, 5 Apr. 1977.
37. Crabtree, R. H. *The Organometallic Chemistry of Transition Metals*, New York: John Wiley & Sons, 1988.
38. Yamamoto, A. *Organotransition Metal Chemistry*, New York: John Wiley & Sons, 1986.
39. Elschenbroich, Ch.; and Salzer, A. *Organometallics*, Weinheim: VCH, 1992.
40. Falbe, J.; Bahrmann, H. *J. Chem. Educ.*, 1984, 61: 961.
41. Fowler, R. ; Conner, H. ; and Baehl, R. A. *Chemtech*, 1976, 6 : 7724.
42. Evans, D.; Osborn, J. A.; and Wilkinson, G. *J. Chem. Soc.(A)*, 1968 : 3133.
43. Evans, D.; Yagupsky, G.; and Wilkinson, G. *J. Chem. Soc.(A)*, 1968 : 2660.
44. Brown, C. K. ; and Wilkinson, G. *J. Chem. Soc.(A)*, 1970 : 2753.
45. Ozin, G.A.; Haddleton, D.M.; and Gil, C.J. *J. Phys. Chem.*, 1989, 93 : 6710.
46. Bonati, F.; and Wilkinson, G. *J. Chem. Soc.*, 1964 : 3156.
47. Borvornwattananont, A.; Möller, K.; and Bein, T. *J. Phys. Chem.*, 1989, 93 : 4205.
48. Ichikawa, M.; and et al. *J. Phys. Chem.*, 1990, 94 : 5317.

49. Taylor, D.F.; Hanson, B.E.; and Davis, M.E. *Inorg. Chim. Acta*, **1987**, *128* : 55.
50. Basset, J.M.; and Theolier, A. *J. Organomet. Chem.*, **1985**, *279* : 147.
51. Rao, L.; Fukuoka, A.; and Ichikawa, M. *J. Chem. Soc., Chem. Commun.*, **1988** : 458.
52. Dossi, C.; Fusi, A.; Garlaschelli, L.; Roberto, D. ; and Ugo, R. *Catal. Lett.*, **1991**, *11*: 335.
53. Kawi, S.; Xu, Z.; and Gates, B.C. *Inorg. Chem.*, **1994**, *33* : 503.

Vitae

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