

References

1. Bhattacharyya , A.K., and Nandi, D.K., *Ind.Eng.Chem. Proc. Res.Dev.* **14** (1975) 162.
2. Sharma, M., and Moniot, J.R., in "*Isoquinoline Alkaloid Research*".
Barthomeuf, D., *et al* (Eds), Plenum Press, New York, (1978).
3. Holderich, W., and Galli, E., *Chem.Ing.Tech.* **56** (1984) 271.
4. Weitkamp, J., *Acta.Phys. Chem.* **31**(1985) 271.
5. Keading, W.W., Barilc,G.C., and Wu, M.M., *Catal,Rev.Sci.* **26** (1984) 597.
6. Eichler, K., and Leupold, E., *DBP 3334084.* **28** (1985).
7. Kluttz, R.Q., and Slaugh, L.H., *US.Pat.***4395372** (1983).
8. Yen Stanford, Y.C., *Res.Inst.Econ.Rcp.* **49** (1969).
9. Mortikov, E.S., Mirzabekova, S.R., Pogorelov, A.G., Kononov, N.F.,
Nerzhanova,R.F., and Minachev K.M., *Nettekhimiya .* **16** (1976) 701.
10. Becker, K.A., Karge, H.G., and Steubel, W.D., *J.Catal.* **23** (1973) 403.
11. Matsuzaki, T., Sugi, Y., Hanaoka, T., Takeuchi, T., Arakawa, H., Tokoro,
T., and Takeuchi, G., *Chem.Express.* **4** (1989) 413.
12. Kaeding, W.W., *J.Catal.* **95** (1985) 512.
13. Sugi, Y., Matsuzaki, T., Tokoro, T., Hanaoka, T., Takeuchi, K., Tu, X., and
Takeuchi, G., *Sekiyu Gakkaishi.* **37** (1994) 376.
14. Sugi, Y., and Toba, M., *Catal.Today.* **19** (1994) 181.
15. Lee, G.S., Maj, J.J., Rocke, S.C., and Garces, J.M., *Catal.Lett.* **2** (1989)
243.

16. Lee, G.S., Maj, J.J., and Rocke, S.C., in "*Catalytic Science and Technology*". Garces, J.M., Yoshida, S., Takezawa, N., and Ono, T., (Eds), Wiley Eastern, New Delhi (1991) 385.
17. Matsuda, T., Urata, T., and Kikuchi, E., *Appl. Catal. A* . **123** (1995) 205.
18. Matsuda, T., Kimura, T., Herawati, H., Kobayashi, C., and Kikuchi, E., *Appl. Catal. A: General*. **136** (1996) 19.
19. Gavaiore, S., Pino, L., Tsiakaras, P., Giordano, N., and Rao, B.S., *Zeolites*. **7** (1987) 408.
20. Kaeding, W.W., *J. Catal.* **95** (1985) 112.
21. Chantal, P.D., Kaliaguine, S., and Gradmaison, J.L., *Appl. Catal.* **18** (1985) 133.
22. Namba, S., Yahima, T., Itaba, Y., and Hara, N., *Stud. Surf. Sci. Catal.* **5** (1980) 105.
23. Balsama, S., Beltrame, P., Beltrame, P.L., Carmiti, P., Formi, L., and Zuretti, G., *Appl. Catal.* **13** (1984) 161.
24. Chen, P.Y., Chen, M.C., Chu, H.Y., Chang, N., and Chuang, T.K., *Stud. Surf. Sci. Chem. Commun.* (1985) 1202.
25. Ione, K.G., and Kikhtyanin, O.V., *Stud. Surf. Sci. Catal.* **5** (1980) 105.
26. Prasad, S., and Rao, B.S., *J. Mol. Catal.* **62** (1990) 17.
27. Dixon, D.D., and Burgoyne, W.F., *Appl. Catal.* **62** (1990) 161.
28. Harold Hart, R., and John Kosak., *J. Org. Chem.* **27** (1990) 116.
29. Burgoyne, W.F., and Dixon, D.D., *J. Mol. Catal.* **62** (1990) 61.

30. Narayanan, S., Durga Kumari, V., and Sudhakar Rao, A., *Appl. Catal A: General.* **111** (1994) 133-142.
31. Pillai, R.B.C., and Pillai, C.N., *Ind.J.Chem.* **32B** (1993) 592.
32. Lemos, F., Ramoa Ribeiro, M., Kern, M., Giannetto, G., and Guisnet, M., *Appl. Catal.* **29** (1987) 43.
33. Pillai, R.B.C., in "*Catalysis Modern Trends*". Gupta, N.M., and Chakrabarthy D.K., (Eds). Wiley Eastern, New Delhi (1996) .
34. Pillai, R.B.C., *Reac.Kinet.Catal.Lett.* **58** (1996) 145.
35. Burgoyne, W. F., and Dixon, D.D., *Appl.Catal.* **63** (1990) 117.

References

1. Rollmann, L.D., and Walsh, D.E., in " *Progress in Catalyst Deactivation.*" Figuerreido, J.L., (Ed). Martinus Nijhoff Publishers, The Hague. **54** (1982) 81.
2. Chen, N.Y., and Garwood, W.E., *Catal.Rev.Sci.Eng.* **28** (1986) 185.
3. Derouane, E.G., in " *Catalysis by Acids and Bases*" Imelik, B *et al.*, (Eds), Elsevier, Amsterdam **20** (1985) 128.
4. Dejaifve, p., Auroux, A., Gravelle, P.C., Vedrine, J.C., Gabellica, Z., and Derouane, E.G., *J.Catal.* **70** (1981) 123.
5. Guisnet, M., and Magnoux, P., *Appl. Catal.* **54** (1989)1.
6. Derouana, E.G., in " *Surface Science and Catalysis*". Imelik, B., (Ed.) Elsevier, Amsterdam, **20** (1985) 221.
7. Eisenbach, D., and Gallei, G., *J.Catal.* **56** (1979) 377.
8. Langner, B.E., *Ind.Eng.Chem.Process Des.Dev.* **20** (1981) 326.
9. Blackmond, D.G., Goodwin, J.G., and Lester, J.E., *J.Catal.* **78** (1982) 247.
10. Ghosh, A.K., and Kydd, R.A., *J.Catal.* **100** (1986) 185.
11. Maixner, S., Chen, C.Y., Grobet, P.J., Jacobs, P.A., and Weitkamp, J., in " *New Developments in Zeolite Science and Technology*" Murakami, Y., Iijima, A., and Ward, J.W., (Eds), Elsevier, Amsterdam, (1986).
12. Lange, J.P., Gutsze, A., and Karge, H.G., *J.Catal.* **141**, (1988) 136.
13. Karge, H.G., Lange, J.P., Guisnet, A., and Lanieecki, M., *J.Catal.* **114**, (1988) 144.

14. Magnoux, P., Fouche, V., and Guisnet, M., *Bull. Soc. Chim.*, (1987) 696.
15. Neuber, M., Ernst, S., Geerts, H., Grobet, P.J., Jacobs, P.A., Kokotailo, G.T., and Weitkamp, J., in " *Catalyst Deactivation 1987.*" Delmon, B., and Froment, G.F.,(Eds), Elsevier, Amsterdam, **34** (1987) 567.
16. Magnoux, P., Roger, P., Canaff, C., Fouche, V., Gnep, N.S., and Guisnet, M., in " *Catalyst Deactivation 1987.*" Delmon, B., and Froment, G.F., (Eds.) Elsevier, Amsterdam, **34**(1987) 343.
17. Anderson, J.R., Chang, Y. F., and Western, R.J., *J.Catal.* **118** (1989) 466.
18. Walsh, D.E., and Rollmann, L.D., *J.Catal.* **49** (1977) 369.
19. Karge, J., Pfeifer, H., Caro, J., Bulow, M., Schlodder, H., Mostowicz, R., and Volter, J., *Appl.Catal.* **29** (1987) 21.
20. Karge, H.G., and Boldingh, E.P., *Catal. Today.* **3** (1988) 53.
21. Mercier Des Rochettes, B., Marcilly, C., Gueguen, and C., Bousquet, J., in " *Catalyst Deactivation 1987.*" Delmon, B., and Froment, G.F.,(Eds) Elsevier, Amsterdam, **34** (1987) 589.
22. Lin, L.M., Gnep, N.S., and Guisnet, M., *Reac.Kinet.Catal.Lett.* **42** (1990) 133.
23. Rollmann, L.D., *J.Catal.* **47** (1977) 113.
24. Rollmann, L.D., and Walsh, D.E., *J.Catal.* **56** (1987) 139.
25. Magnoux, P., Cartraud, P., Mignard, S., and Guisnet, M., *J.Catal.* **102** (1987) 242.
26. Schulz, H., Siwei, Z., and Baumgartner., *Stud.Surf.Sci.Catal.* **34** (1987) 479.

27. Acharya, D.R., Ghassemi, M.K., and Haghese, R., *Appl.Catal.* **58** (1990) 153.
28. Pradhan, A.R., and Rao, B.S., *J.Catal.* **132** (1991) 79-84.
29. Mori, N., Nishiyama, S., Tesuruya, S., and Masai, M., *Appl.Catal.* **74** (1991) 37-52.
30. Magnoux, P., Cartraud, P., Mignard, S., and Guisnet, M., *J.Catal.* **106** (1987) 235.
31. Karge, H.G., and Boldingh, E., *Catal.Today.* **3** (1989) 379.
32. Rollmann, L.D., and Walsh, D.E., *J.Catal.* **56** (1987) 139.

References

1. Tenebaum Leon, E., in "Heterocyclic Compounds- pyridine and its derivative-part 1." Klingsberg Erwin (Ed), Interscience publishers. New York, (1960).
2. Joule, J.A., and Smith, G.F., in "Heterocyclic Chemistry". Mark, Z.H.,(Eds), ELBS Van Nostrand Reinhold, UK. (1986).
3. Fraenkel, G., and Cooper, J.C., *Tetrahedron Lett.* **25** (1968) 1825.
4. Foster, R., and Fyfe, C.A., *Terahedron.* **25** (1969) 1489.
5. Minisci, F., *Synthesis.* **1** (1973) 12.
6. Pines, H., and Winnderlich, D., *J.Am.Chem.Soc.* **81** (1959) 2568.
7. Hiroshi Kashiwagi., and Enomoto, S., *Nippon Kagaku Kaishi.* (1980) 551.
8. Hiroshi Kashiwagi., and Saburo Eno, *Chem.Pharm.Bull.* **30(2)** (1982) 404.
9. Hiroshi Kashiwagi, Yuji Fujiki, and Saburo Eno, *Chem.Pharm.Bull.* **3097** (1987) 2575.
10. Kameswari, U., Swamy, C.S., and Pillai, C.N., in "Zeolite and Related Microporous Materials: State of the Art". Holderich *et al* (Eds), Elsevier, Amserdan (1994).
11. Jayamani, M., and Pillai, C.N., *J.Catal.* **87** (1984) 478.
12. Eichler, K., and Leupold, E., *Eur.Pat.* **175969** (1984).
13. Sonalinas, V., Monaci, R., Longu, G., and Forni, L., *Acta.Phys.Chem.* **54** (1986) 291.

14. Abramovich, V.B., and Pankratova, R.M., *Masagutov*. **278708** (1986).
15. Durgakumari, V., and Narayanan, S., *J.Mol.Catal.* **65** (1991) 385.
16. Durgakumari, V., and Sreekanth, G., *Res.Chem.Intermed.* **14** (1990) 223.
17. Unnikrishnan, S., Bhat, Y.S., and Halgeri, A.B., *Indian.J.Technol.* **31** (1993) 624.