
REFERENCES

REFERENCES

- 1) L. Michaelis,
Trans. Electrochem. Soc., 71, 107 (1937). Cold Spring
Harbor Symp. Quant. Biol., 7, 33 (1939).
- 2) Anabar and Taube,
J. Am. Chem. Soc., 80, 1073 (1958).
- 3) Stewart,
Experientia, 15, 401 (1959).
- 4) P.A. Shaffer,
J. Am. Chem. Soc., 55, 2169 (1933);
P.A. Shaffer,
J. Phys. Chem., 40 1021 (1936) and
P.A. Shaffer,
Cold Spring Harbor Symp. Quant. Biol., 1 50 (1939).
- 5) Halpern,
Can. J. Chem., 37, 148 (1959).
- 6) R.J. Prestwood and A.C. Wahl,
J. Am. Chem. Soc., 71, 3137 (1949);
G. Harbottle and R.W. Dodson,
J. Am. Chem. Soc., 73, 2442 (1951) and
S.W. Gilks and G. Nord-Waind,
Disc. Faraday Soc., 29, 102 (1960).
- 7) F. Basolo and R.G. Pearson,
"Mechanisms of Inorganic Reactions," John Wiley, New
York, 2nd Edn. P. 474 (1967)

- 8) C.E. Johnson, Jr.
J. Am. Chem. Soc., 74, 959 (1952);
K.G. Ashurst and W.C.E. Higginson,
J. Chem. Soc. 3044 (1953) and
S.A. Chimatadar and J.R. Raju,
J. Inorg, Nucl. Chem., 43, 1947 (1981).
- 9) W.C.E. Higginson, D.R. Rosseinsky, J.B. Stead and A.G.
Sykes, Disc. Faraday Soc., 29, 49 (1960).
- 10) J.Y. Tong and E.L. King,
J. Am. Chem. Soc., 82, 3805 (1960).
- 11) J.H. Espenson,
J. Am. Chem. Soc., 85, 5101 (1964).
- 12) J.H. Espenson,
J. Am. Chem. Soc., 85, 3328 (1963).
- 13) F.H. Westheimer,
Chem. Rev., 45, 419 (1949).
- 14) R. Woods, I.M. Kolthoff and E.J. Meehan,
J. Am. Chem. Soc., 85, 2385, 3334 (1963).
- 15) H.J. Price and H. Taube,
Inorg. Chem., 7, 1 (1968).
- 16) J.H. Espenson,
J. Am. Chem. Soc., 89, 1276, (1967).
- 17) A. Haim and N. Sutin,
J. Am. Chem. Soc., 88, 5343, (1966).

- 18) J.H. Espenson,
In "Homogeneous Inorganic Reactions" Techniques of
Chemistry Vol. VI, 3rd Edn. Edited by E.S. Lewis,
Wiley-Interscience, New York, P. 596 (1973).
- 19) S.A. Chimatdar, S.T. Nandibewoor, M.I. Sambrani and
J.R. Raju,
J. Chem. Soc. Dalton Trans, 573 (1987).
- 20) P.S. Murti, Radhakrishna, S.C. Pati,
J. Indian Chem. Soc., 45, 640 (1968).
- 21) James H. Espenson,
Inorg. Chem., 7, 631 (1968).
- 22) W.F. Pickering and A. Mctuley
J. Chem. Soc. A, 5, 1173, (1968).
- 23) Mehrotra Raj Narian,
J. Chem. Soc. B, 10, 1123, (1968).
- 24) Mehrotra Raj Narian,
J. Chem. Soc. B, 12, 1563, (1968).
- 25) P.S. Radhakrishinmurti and S.C. Pati,
J. Indian. Chem. Soc., 45, 1012 (1968).
- 26) G.S. Nikolov and D. Mikhailova,
J. Inorg. Nacl. Chem., 31, 2499 (1969).
- 27) J.N. Kar, G.B. Behera and M.K. Rout,
J. Indian Chem. Soc., 46, 400 (1969).
- 28) P.N. Pathak and M.P. Singh,
J. Phys. Chem., 241, 145 (1969).

- 29) P.S. Radhakrishnmurti and S.C. Pati,
Isr. J. Chem., 7, 427 (1969).
- 30) N.A. Daugherty and B. Schiefelbein,
J. Am. Chem. Soc., 91, 4328 (1969).
- 31) P.S. Radhakrishnmurti and S.C. Pati,
Indian J. Chem., 67, 687 (1969).
- 32) Ganapathysundaram and Venkatasubramanian,
Curr. Sci., 38, 542 (1969).
- 33) P.N. Pathak, M.P. Singh and B.B. Saxena,
Proc. Nat. Acad. Sci. India, 39, 185 (1969).
- 34) K.B. Yatsimirskii and Nikolov,
Zn. Fiz. Khim., 44, 1129 (1970).
- 35) S. Saccubai and M. Santappa,
Indian J. Chem., 8, 533 (1970).
- 36) K.B. Yatsimirskii and G.S. Nikolov,
Zn. Fiz. Khim., 44, 1400 (1970).
- 37) P.S. Radhakrishnmurti and R.K. Panda,
Indian J. Chem., 8, 946 (1970).
- 38) Mehrotra Raj N.
J. Chem. Soc., 9, 1722 (1970).
- 39) P.S. Radhakrishnamurti and S.C. Pati,
J. Indian. Chem. Soc., 47, 1145 (1970).
- 40) K.K. Sengupta, B.B. Pal and D.C. Mukherjee,
Z. Phys. Chem., 72, 230 (1970).

- 41) J.N. Cooper, H.L. Hout, C.W. Buffington and C.A. Holmes,
J. Phys. Chem., 75, 881 (1971).
- 42) B.B. Pal, D.C. Mukherjee and K.K. Sengupta,
J. Inorg. Nucl. Chem., 34, 3433 (1972).
- 43) V.F. Romanov, G.A. Konishevskaya and K.B. Yatsimiskii,
Zh. Inorg. Khim., 17, 3000 (1972).
- 44) K.B. Yatsimirski and B.G. Zhelyazkova,
Teor. Eksp. Khim., 8, 641 (1972).
- 45) K.K. Sengupta, B.B. Pal, D.C. Mukherjee and V.I.
Spitsyn,
J. Chem. Soc. Perkin Trans., 7, 926 (1973).
- 46) R.P. Tishchenko, N.I. Nechurova, L.I. Martyneko and
V.I. Spitsyn,
Izh. Akad. Nauk. SSSR. Ser. Khim., 6, 1212 (1973).
- 47) K.K. Sengupta, B.B. Pal and D.C. Mukherjee,
J. Chem. Soc. Dalton Trans., 2, 226 (1974).
- 48) Mehrotra Raj N.,
Indian J. Chem., 12, 365 (1974).
- 49) G.S. Murty and T.N. Rao,
Curr. Sci., 43, 478 (1974).
- 50) M.S. Kelikar and R. Shanker,
Curr. Sci., 43, 781 (1974).
- 51) Muralikrishna, Upadhyayala and Bapanaiah,
Z. Phys. Chem., 256, 225 (1975).

- 52) G.S. Murty, Sethuram and T.N. Rao,
Indian J. Chem., 13, 849 (1975).
- 53) Rocek and Aylward,
J. Am. Chem. Soc., 97, 5452 (1975).
- 54) Delizzetti, Mentasti and Saini,
Gazz. Chim. Ital., 104, 1015 (1975).
- 55) A.K. Sahu, B.K. Sinha and G.B. Behera,
J. Indian Chem. Soc., 52, 894 (1975).
- 56) G.B. Behera, U.K. Nayak, K.K. Mukherjee and M.K. Rout,
J. Indian Chem. Soc., 52, 1056 (1975).
- 57) B.B. Pal and K.K. Sengupta,
Inorg. Chem., 14, 2268 (1975).
- 58) S.L. Sharma, R. Shankar and G.V. Bakore,
Indian J. Chem., 14, 82 (1976).
- 59) P.S. Radhakrishnamurti and Sushila Devi,
Indian J. Chem., 14, 399 (1976).
- 60) P.V. Rao, R.V. Murty and K.S. Murty,
Z. Phys. Chem., 258, 7 (1977).
- 61) P.V. Rao, R.V. Murty and K.S. Murty,
Indian J. Chem., 15, 16 (1977).
- 62) V.I. Marchenko, A.S. Solovkin and L.V. Karpov,
Radiokhimiya, 11, 831 (1977).
- 63) G.S. Murthy, Rao and Navaneeth,
Indian J. Chem., 15, 880 (1977).

- 64) Z. Amjad and A. Mcauley,
Inorg. Chim. Acta., 25, 127 (1977).
- 65) P.V. Subbarao, P.S. Murty and R.V. Murty,
J. Inorg. Nucl. Chem., 40, 295 (1978).
- 66) K.K. Sengupta and H.R. Chatterjee,
Inorg. Chem., 17, 2429 (1978).
- 67) R.P. Bhatnagar and A.G. Fadnis,
J. Indian Chem. Soc., 55, 357 (1978).
- 68) K.K. Gupta and S.N. Basu,
Carbohydr. Res., 72, 139 (1979).
- 69) P.V. Rao, R.V. Murty, B.A. Murty, K.S. Murty and P.S. Murty,
Indian J. Chem., 16, 1056 (1978).
- 70) S.C. Pati and M. Panda,
Int. J. Chem. Kinet., 11, 731 (1979).
- 71) P.V. Rao, K.V. Subbaiah and P.S. Murty,
React. Kinet. Catal. Lett., 10, 287 (1979).
- 72) P.V. Rao, R.V. Murty, P.S. Murty and K.V. Subbaiah,
Indian J. Chem., 18A, 228 (1979).
- 73) N.N. Gusakova, S.P. Mushtakova and N.S. Frumina,
Zh. Anal. Khim., 34, 2213 (1979).
- 74) V.S. Koltunov, M.F. Tikhonov and K.M. Frolov.
Zh. Fiz. Khim., 54, 363 (1980).
- 75) G.C. Pillai and J.C. Kuriacose,
Indian J. Chem. Sec. A., 17A, 384 (1979),

- 76) F.M. Abdul and C.F. Wells,
J. Chem. Soc. Dalton. Trans., 9, 1532 (1980).
- 77) R.P. Bhatnagar and A.G. Fadnis,
Montsh. Chem., 11, 927 (1980).
- 78) K. Salvaraj, V.P. Senthilnathan and K. Ramalingam,
Indian J. Chem. Sect. A., 17A, 589 (1979).
- 79) G.C. Pillai and J.C. Kuriacose,
Indian J. Chem. Sect. A., 19A, 585 (1980).
- 80) V.S. Koltunov, K.M. Frolov and V.I. Marchenko,
Radiokhimiya., 23, 88 (1981).
- 81) V.S. Koltunov, K.M. Frolov and M.F. Tikhonov,
Radiokhimiya., 23, 95 (1981).
- 82) G.C. Pillai, J. Rajaram and J.C. Kuriacose,
Rev. Roum. Chim., 26, 21 (1981).
- 83) N. Nath and R.C. Dubey,
Colloid. Polym. Sci., 258, 944 (1980).
- 84) R.P. Bhatnagar and A.G. Fadnis,
Gazz. Chim. Ital., 110, 479 (1980).
- 85) M.T. Tsitni, M.J. Waechter and J.P. Delcroix,
Analusis., 9, 283 (1981).
- 86) A.G. Fadnis and S.K. Kulshreshtha,
J. Indian Chem. Soc., 58, 763 (1981).
- 87) M. Pautio and P.O.I. Virtanen,
Finn. Chem. Lett., 7, 87 (1981).

- 88) L.S. Dilshitula, G. Chandrasekharam, V. Rao and P. Vani,
J. Inorg. Nucl. Chem., 43, 2455 (1981).
- 89) A.G. Fadnis and S.K. Kulshrestha,
Cienc. Cult., 34, 209 (1982).
- 90) K. Srinivas, K.V. Rao and P.V. Subba
J. Indian Chem. Soc., 59, 55 (1982)
- 91) J.P. Choudhary and Sukhanandan
J. Indian Chem. Soc., 59, 638 (1982)
- 92) K. Srinivas and P.V. Subba
Indian J. Chem. Sect. A., 21A, 773, (1982).
- 93) L.S. Dikshitula, G. Chandrakaram, V. Rao and P. Vani
J. Indian Chem. Soc., 60, 150 (1983)
- 94) P.O.I. Virtanen and S. Karppinen
Finn. Chem. Lett., 3, 55 (1983)
- 95) Selvaraj Kuppusamy, Ramalingam Kondareddiar and
Ramarajan Krishnaswamy
J. Chem. Soc. Perkin Trans. 2, 7, 955, (1983)
- 96) P.O.I. Virtanen and R. Sammalkivi
Finn. Chem. Lett., 7, 151 (1983)
- 97) R.K. Singh and S.R. Tripathi
Vijanan Parishad Anusandhan Patrika, 27, 103, (1984)
- 98) R.E. Huie and P. Neta
Inorg. chim. Acta., 93, 27 (1984)

- 99) R.J. Hutchinson, S.J. Lindsay and M.V. Twigg
J. Chem. Soc. Perkin Trans. 2, 2, 319 (1985)
- 100) P. O. I. Virtanen and S. Kurkisu
Carbohydr. Res., 38, 215 (1985)
- 101) D. Shrivastava and V.K. Sharma
J. Indian. Chem. Soc., 61, 908 (1984)
- 102) P.O. I. Virtanen and R. Sammalkivi
Finn. chem. Lett., 2, 47 (1985)
- 103) K.K. Gupta, S. Dey, S.S. Gupta and A. Banerjee
J. Chem. soc. Perkin Trans. 2. 10, 1503 (1985)
- 104) N. Nath, R.C. Dubey and U.S. Misra
Rev. Roum. Chim., 31, 57 (1986)
- 105) A.P. Payasi and V.K. Sharma
Natl. Acad. Sci. Lett. (India), 9, 105 (1986)
- 106) A.N. Pankratov, M.V. Panfilov and S.P. Mushtakova
Zh. Obstich. Khim., 56, 1338 (1986)
- 107) G. Micera, s. Deiana, A. Pusiona and C. Gessa
Inorg. Chim. Acta., 120, 49 (1986)
- 108) Khim Chang Su and Yi Moon Pyoung
Bull. Korean. Chem. Soc., 7, 483, (1986)
- 109) P.O.I. Virtanen, S. Kurkisu, H. Nevala and S. Pohjola
Acta. Chem. Scand. Ser. A., 40A, 200 (1986)
- 110) A. Pandey, K. Sharma and V.K. Sharma
Natl. Acad. sci. Lett. (India), 8, 383 (1985)

- 111) P.S. Radhakrishnmurti, H.P. Pande and D.C. Pradhan
React. Kinet. Catal. Lett., 31, 79 (1986)
- 112) F.A. Issa, K. Grzeskowiak, C. Halliday, S.T. Pittenger
and K.W. Hicka
Inorg. Chim. Acta., 130, 85 (1987)
- 113) N. Nath, R.C. Dubey and U.S. Misra
Monatsh. Chem., 118, 63 (1987)
- 114) P.O.I. Virtanen and L. Ronkainen
Finn. Chem. Lett., 13, 1 (1986)
- 115) M.J.M. Campbell
Coord. Chem. Rev., 15, 279 (1975) and the references
there in
- 116) B. Timmegowda and J. Ishwar Bhat
Tetrahedron, 43(9), 2119 (1987)
- 117) B.G. Ankamwar, M.D. Bhand and G.S. Gokavi
Transition Met. Chemistry, 18, 361, (1993).
- 118) W.C.E. Higginson, D. Sutton and P. Wright,
J. Chem. Soc. P. 1380 (1953).
- 119) L.S.A. Dikshitulu, G. Chandrasekharam, V. Hanunantha
Rao and P. Vani,
J. Inorg. Nucl. Chem. 43(10), 2455 (1981).
- 120) A.P. Filippov and J.V. Khyarsing,
Russ. J. Inorg. Chem., 23(6), 839 (1978).