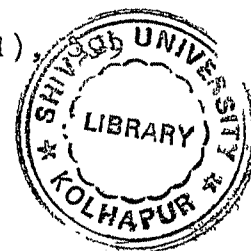


REFERENCES

1. Wilhelmy, L., Ann. Physik. Chemie (Poggendorf), 81, 413, 499 (1850).
2. Berthelot, M. and St., Gilles, L.P., Ann. Chim. et. Phys. (3) 63, 385 (1862); Berthelot, *ibid.*, 66, 110 (1862).
3. Gulberg, C.M. and Waage, P., 'Etudes Sur les affinites Chimiques', Brogger and Christies, Christiania, (1867).
4. Arrhenius, S., Ann. Chim. et. Phys., (3) 63,385 (1862).
5. Latimer, W.H., The oxidation states of elements and Their potentials in aqueous solutions, Printice Hall, New York. p. 78 (1952).
6. Marshall, H., J. Chem. Soc., 59, 771 (1891).
7. House, D.A., Chem. Revs., 62, 185 (1962).
8. Wilmarth, W.K. and Haim, A., 'Mechanism of Oxidation or peroxydisulphate in peroxide reaction mechanism' J.O. Edwards, John Willey, New York, p. 175-225 (1961).
9. Elbs, K. and Schonherr, Z. Electrochem., 1, 468(1895).
10. Caro, H., Z. Angrew Chem., 845 (1898).
11. Levi, M.G. and Migliarini, E., Gazette, 36(11), (1906).



12. Green, L. and Masson, O., *J. Chem. Soc.*, 97, 2083 (1910).
13. Kalian, A. and Olbrich, L., *Montash*, 47, 449 (1927).
14. Bartlett, P.D. and Cotman, J.D., *J. Am. Chem. Soc.*, 71, 1419 (1949).
15. Ruis, A. and Zuleta, C., *An Real Soc., esp. Fis. Quim.*, 46, 79 (1950).
16. Kolthoff, I.M. and Miller, I.K., *J. Am. Chem. Soc.*, 73, 3055 (1951).
17. Bawn, C.E.H. and Margerison, D., *Trans. Far. Soc.*, 51, 925 (1955).
18. Srivastava, S.P. and Ghosh, S., *Z. Phys. Chem.*, 202, 191 (1953); *ibid*; 205, 332 (1956); *ibid*; 207, 161 (1957).
19. Eager, R.L. and McCallum, K.J., *Can. J. Chem.*, 32, 692 (1954).
20. Tsao, Massk-Sang and Wilmarth, W.K., *J. Phys. Chem.*, 63, 346 (1959).
21. Yost, D.M., *J. Am. Chem. Soc.*, 48, 152 (1926);
22. Franchuk, I.P., *Ukr. Khim. Zh.*, 29, 1272 (1963).
23. Morgan, K.T., *Quat. Rev.*, 8, 129 (1954).
24. Meeratoia, A., *Ann. Acad. Sci., Fennicae Ser., A., II*, Chem. No. 24, 59 (1947).

25. King, C.V. and Jette, E., J. Am. Chem. Soc., 51,  
1034 (1929).
26. Kiss, A. and Zombory, L., Rec. Trav. Chim., 46, 225(1927).
27. Price, T.S., J. Phy. Chem., 27, 474 (1898).
28. Moeass, P.C. Jr. and Petrucci, R.H., J. Chem. Educ., 41,  
549 (1964).
29. King, C.V. and Jacobs, M.B., J. Am. Chem. Soc., 53,  
1704 (1931).
30. Kiss, A., Rec. Trav. Chim., 48, 509 (1929).
31. Kiss, A. and Bossanyi, J., Z. Physik Chem., 134, 26(1928).
32. Kiss, A. and Bossanyi, J. Rec. Trav. Chim., 47, 619(1928).
33. Kiss, A. and Bossanyi., J. Acta. Sci. Univ. Fransisco  
Josephine, Acta. Chem. mineral physics, 1, 59(1929).
34. Kiss, A., Bossanyi, J. and Uranczy, A., Acta. Lit. Sci.  
Univ. Hung. Fransisco Physics, 2, 210 (1932).
35. Bronsted, J.N., Z. Physik Chem., 102, 191 (1922).
36. Carassiti, V. and Dejak., C., Boll. Sci. Fac. Chem. ind.  
Bologna, 15, 63 (1959).
37. Carassiti, V. and Dejak, C., Ann. Chim. (Rome), 49,  
233 (1959).

38. Howelle, W.J., J. Chem. Soc., 463 (1939); *ibid*; 641 (1941); *ibid*; 203 (1946).
39. Indelli, A. and Prue, J.E., J. Chem. Soc., 107 (1959).
40. Rolla, M. and Carassitti, V., Boll. Sci.Fac. Chem. ind. Univ. Bologna, 7, 37 (1949).
41. Indelli, A. and Amis, E.S., J. Am. Chem. Soc., 82, 333 (1960).
42. Kolthoff, I.M., Medalia, A.I. and Raon, N.C. J. Am. Chem. Soc. 73, 1733 (1951).
43. Gupta, J.C. and Srivastava, S.P., Proc. Nat. Acad. Sci. (India), 33A, Pt. II, 221 (1963).
44. Gupta, J.C. and Srivastava, S.P., Z. Physik. Chem. (Leipzig), 227, 152 (1964).
45. Stehlik, B. and Nedbalkova, J., Collection Czech. Chem. Commun., 31, 2269 (1966).
46. Yost, D.M. and Claussen, W., J. Am. Chem. Soc., 53, 3349 (1931).
47. Yost, D.M., Levy, H.A. and Dekker, A.O., J. Am. Chem. Soc., 59, 2129 (1937).
48. Malaguti, A., Ann. Chim. (Rome), 42, 138 (1952).
49. Csanyi, L.I. and Solyami, F., Acta. Univ. Szegediensis, Acta. Phys. et. Chem., 5, 34 (1959).

50. Gupta, Y.K. and Ghosh, S., *J. Inorg. Nucl. Chem.*, 9, 178 (1957).
51. Higginson, W.C. and Marshall, J.W., *J. Chem. Soc.* 447 (1957).
52. Beckier, E. and Kijowski, W., *Rocz. Chem.*, 14, 1004 (1934); *ibid*; 15, 136 (1935).
53. King, C.V., *J. Am. Chem. Soc.*, 49, 2697 (1927).
54. King, C.V., *J. Am. Chem. Soc.*, 50, 2089 (1928).
55. Srivastava, S.P. and Ghosh, S., *Proc. Nat. Acad. Sci. (India)*, 22, Sec. A, Pt. IV-VI, 91 (1953).
56. Mushran, S.P., Singhal, R.K. and Agrawal, M.C., *Z. Phys. Chem. (Frankfurt)*, 60, 34 (1968).
57. Mushran, S.P., Singhal, R.K. and Mehrotra, U.S., *Proc. Nat. Acad. Sci. (India)*, 39, Sec. A., Pt-I, 73 (1969).
58. Mushran, S.P., Agrawal, M.C. and Singhal, R.K., *Z. Phys. Chem. (Frankfurt)*, 62, 112 (1968).
59. Eager, R.L. and Winkler, C.A., *Can. J. Res., B.*, 26, 527 (1948).
60. Bartlett, P.D. and Nozaki, K., *J. Polymer Sci.*, 3, 216 (1948).
61. Evans, M.G. and Baxendale, J.M., *Trans. Far. Soc.*, 42, 195 (1946).

62. Riggs, J.P. and Rodriguez., F., J. Polymer Sci., Part A-1, 5, 3151 (1967).
63. Hogale, M.B. and Jagdale, M.H., Acta. Cinetia Indica, 10(3), 129 (1984).
64. Hogale, M.B., Khot, B.R. and Nikam, B.P. Acta Cinetia Indica, 13(2), 89 (1987).
65. Boyland, E., Manson, D. and Sims, P., J. Chem. Soc., 3823 (1953).
66. Boyland, E. and Sims, P., J. Chem. Soc., 980 (1954).
67. Sims, P., J. Chem. Soc., 44 (1958).
68. Boyland, E. and Sims, P., J. Chem.Soc., 4198 (1958).
69. Behrman, E.J., J. Am. Chem. Soc., 89, 2424 (1967).
70. Venkatsubramanian, N. and Sabesan, A., Can. J. Chem., 47(19), 3710 (1969).
71. Srivastava, S.P. and Gupta, R.C., Ind. J. Chem. 91(11), 1303 (1971).
72. Srivastava, S.P. and Gupta, R.C., Zeit. Physik. Chem., 8 (1974).
73. Srivastava, S.P. and Gupta, R.C., and Shukla, A.K., Ind. J. Chem., 15(A), 605 (1977).
74. Babu. J. Shreekanta, Joshi., K., Veena, Bhattacharya, A.K., Z. Phys. Chem. (Leipzig), 258(4) (1977).

75. Chaltykyan, O.A. and Beilerian, N.M., Dokl. Acad. Nauk. Arm. S.S.S.R., 31, 147 (1960).
76. Srinivasan, C., Subba Perumal and Natesan Arumugam, J. Chem. Soc., Perkin Trans., II, 12, 1855 (1985).
77. Itahara, Toshio, Toda Maki (Coll. Lib. Arts Kagoshima Japan, 890), Chem. Lett., 1319 (8) (1986).
78. Sevillano - Cabeza, A., Medina-Escriche, J., Llbat Estelles, M., Martin Penella, M., (Fac. Chem. Sci. Valencia Univ. Burjasot Spain.), Analyst (London), 111 (12), 1417 (1986).
79. Lai Xinghua Wang, Guiqing Huang Chenguo (Xiantan Univ. peap. Rep. China) Xiantan Daxue Ziran Kexue Xuebao, 56 (1) 1986.
80. Nishida Suzuko, Kimura Masura (Fac. Sci. Nara Women's Univ. Nara Japan 630); Bull. Chem. Soc. Japan, 60(7), 2767 (1987).
81. Nishida Suzuko, Kimura Masura, (Fac. Sci Nara Women's Univ. Nara Japan 630); J. Chem. Res. Symp. (9), 336 (1986).
82. Khulbe, K.C. and Srivastava, S.P., Proc. Nat. Acad. Sci. (India), Sec. A. 32, Pt. 1, 60 (1962).
83. Khulbe, K.C. and Srivastava, S.P., Agra Univ. J. Res.(Sci.), 9, 177 (1960); *ibid*; 14, 85 (1965).

84. Subraman, L.R. and Santappa, M., Z. Physik. Chem., 48, 172 (1966).
85. Srivastava, S.P., Maheshwari, G.L. and Singhal, S.K., Ind. J. Chem., 12, 72 (1974).
86. Nikolaev, P.V. and Kochetkova, N.S., (Ivanov Khim. Teknol Inst. Ivanovo, U.S.R.), Zh. Prikl. Khim (Leningrad), 59(2), 453 (1986).
87. Okoh Joseph M., Krishnamurthy Manicham, (Dept. Chem. Howard Univ. Washington, D.C. 20059 U.S.A.).
88. Bacon, R.G.R., Hanna, W.J.W. and Stewart, D., J. Chem., Soc., 1380 (1966).
89. Srivastava, S.N. and Chandra, G., Bull. Chem. Soc. (Japan), 44, 3008 (1971).
90. Srivastava, S.N. and Chandra, G., J. Inorganic and Nucl. Chem., 34, 197 (1972).
91. Reddy, M.G. Ram, Sethuram, B., Rao T. Navaneeth, Ind. J. Chem., Sec. A, 16A (7), 591 (1978).
92. Reddy, M.G. Ram, Sethuram, B., Rao T. Navaneeth, Ind. J. Chem., Sec. A, 17(A), 378 (1979).
93. Srivastava, S.P., Mathur, B.B., J. Ind. Chem. Soc., 56 (10), 991 (1979).
94. Subraman, L.R. and Santappa, M., Current Sci. (India), 33, 208 (1964).



95. Subraman, L.R. and Santappa, M., Z. Physik. Chem. (Frankfurt), 48, 163 (1966).
96. Venkatsubramanian, N. and Sabesan, A., Current Sci., 36, 632 (1967).
97. Gallopo, A.R., Diss. Abs., 28(B), 3204 (1968).
98. John, E.M. and Edward, J.O., J. Org. Chem., 34, 2565(1969).
99. Mishra, D.D. and Ghosh, S., Proc. Nat. Acad. Sci.(India), Sec.A., 31, Pt. II, 119 (1965).
100. Bisht, S.S. and Srivastava, S.P., Ph.D. Thesis, Agra Univ., (India),(1970).
101. Kulbe, K.C. and Srivastava, S.P., Agra Univ. J.Res.(Sci), (India), 125 (1965).
102. Srivastava, S.P. and Gupta, V.K., Ind. J. Chem. 20(A), 1221 (1981).
103. Edward, J.O. and Crutchfield, M., J. Org. Chem., 25, 1599 (1960).
104. Levitt, L.S. and Levitt, W., Can. J. Chem. 41, 209(1963).
105. Stehlik, B. and Fiala, F., Chem. Zvisti, 20, 97(1966).
106. Srivastava, S.P., Singhal, S.K. and Sharma, R.G., Ind. J. Chem., 12, 684 (1974).

107. Srivastava, S.P., Singhal S.K. and Sharma, R.G., Proc. Nat. Acad. Sci. (India), 47(A), 111 (1977).
108. Edward, J.O., Andrew, R.G. and John, E.M., J. Am. Chem. Soc., 88 (16), 3891 (1966).
109. Bakore, G.V. and Menghani, G.D., Z. Phys. Chem., 61, 220 (1968).
110. Bakore, G.V. and Menghani, G.D., Ind. J. Chem., 7, 786 (1969).
111. Bakore, G.V. and Menghani, G.D., Bull. Chem. Soc. (Japan), 41, 2574 (1968).
112. Khan, M.M. and Srivastava, S.P., J. Ind. Chem. Soc., 46(6), 574 (1969).
113. Mishra, D.D. and Ghosh, S., J. Ind. Chem. Soc., 41(6), 402 (1964).
114. Srivastava, S.P., and Kumar, Anil, Ind. J. Chem., Sec. A. 15 A (12), 1114 (1977).
115. Bakore, G.V. and Menghani, G.D., Current Sci. (India), 37, 641 (1968).
116. Srivastava, S.P., Sharma, R.G. and Singhal, S.K., J. Ind. Chem. Soc., 53 (7), 725 (1976).
117. Singh, R.N., Singh, L.N. and Singh, H.S., Ind. J. Chem. Sec. A. 15A(1), 40 (1977).

118. Srivastava, S.P., Gupta, J.C., Maheshwari, M.K. and Kumar Anil, Ind. J. Chem. Sec. A., 18A(1),31(1979).
119. Singh, R.N., Acta Cinetia Indica, 3(4), 320 (1977).
120. Srivastava, S.P., Gupta, V.K. and Kumar Anil, Rev.Roum. Chim., 26(7), 939 (1981).
121. Srivastava, S.P. and Laxmi Dutta, Ind. J. Chem., 9, 950 (1971).
122. Srivastava, S.P. and Laxmi Dutta, Ind. J. Chem., 11, 18 (1973).
123. Behrman, E.J. and Walker, P.P., J. Am. Chem. Soc., 43, 343 (1966).
124. Bacon, R.G.R. and Munro, D.J., J. Chem. Soc., 268, 1339 (1960).
125. Elbs, K., J. Prakt. Chem., 48, 179 (1893).
126. Behrman, E.J. and Walker, P.P., J. Am. Chem. Soc., 84, 3454 (1962).
127. Baker, M. and Brown, N.C., J. Chem.Soc., 2303 (1948).
129. Srivastava, S.P., Sharma, L.D. and Gupta, R.C., Ind. J. Chem., 13(9), 978 (1975).
130. Sethna, S.M., Chem. Revs., 49, 91(1951).
131. Panigrahi, G.P. and Panda Radhashyam, Ind. J. Chem. Sec. A. 15(A)(12), 1070 (1977).

132. Gupta, S.K. (Mrs.), and Saksena, S.C., J. Ind. Chem. Soc., 64, 154 (1987).
133. Agrawal, Giridharilal, Z. Phys. Chem. (Leipzig), 265 (4), 691 (1984).
134. Khan Mubarak, Hasmi, Hussain, Ann. Chim.(Rome), 72(1-2), 83 (1982).
135. Srivastava, S.P. and Ghosh, S., Z. Phys., 211, 148(1959).
136. Kappana, A.N., Z. Physik. Chem., 205, 47 (1956).
137. Gupta, Y.K. and Nigam, R.K., J. Ind. Chem. Soc., 37, 125 (1964).
138. Chaltykyan, O.A., Beilerian, N.M. and Gukasyan, T.T., Isu. Akad. Nauk. S.S.R. Khim. Nanki, 17, 14 (1964).
139. Mishra, D.D. and Ghosh, S.J., J.Ind. Chem. Soc., 41 (6), 397 (1964).
140. Bakore, G.V. and Joshi, S.N., Current Sci. (India), 37, 146 (1968).
141. Bakore, G.V. and Joshi, S.N., Z. Physik, Chem., 229, 250 (1965).
142. Vekatsubramanian, N. and Sabesan, A., Tetrahedron letters, 40, 4919 (1966).
143. Agrawal, S.C. and Saxena, L.K., J. Inorg. Nucl. Chem., 42(6), 932 (1980).

144. Hambir Singh, Prasad Mahesh, Saxena, S.C. and Kansal, B.D., J.Chin. Chem. Soc. (Taipei), 27(3), 119(1980).
145. Kumar, K. and Saxena, L.K., J. Ind. Chem. Soc., 44(7), 612 (1967).
146. Saxena, L.K. and Singhal, C.P., J. Ind. Chem. Soc., 38, 346 (1961).
147. Srivastava, S.N. and Vasudeva, W., Z. Physik. Chem., 225, 63 (1964).
148. Mhala, M.M. and Iyer, R.C., Ind. J. Chem., 3(12), 568(1965).
149. Anderson, J.M. and Kochi, J.K., J.Am. Chem. Soc., 92(6), 1951 (1970).
150. Allen, T.L. and Po, H.N., J. Am. Chem. Soc., 90, 1127 (1968).
151. Allen, T.L., J. Am. Chem. Soc., 73, 3589 (1951).
152. Srivastava, S.P. and Bhakuni, R.S., Z. Physik. Chem., 210, 246 (1959); *ibid.*, 213, 129 (1960).
153. Senger, H.G.S. and Gupta, Y.K., Ind. J. Chem., 6, 119 (1968).
154. Saxena, L.K. and Singhal, C.P., Z. Physik. Chem., 211, 1161 (1959).
155. Srivastava, S.P. and Ghosh, S., Z. Physik. Chem., 205, 332 (1956).

156. Kemp., R., Ber., 38, 3965 (1905).
157. Benzvi, E.B. and Allen, T.L., J. Am. Chem. Soc., 83, 4352 (1961).
158. Saxena, L.K. and Singhal, C.P., Agra Univ. J. Res. Sci., 6, 43 (1957).
159. Allen, T.L. and Kalb, A.J., J. Am. Chem. Soc., 86, 5107 (1964).
160. Agrawal, S.C., Chandra, G. and Jha, S.K., Bull. Soc. Chim. Belg., 86 (5) 383 (1977).
161. Radhakrishnamurti, P.S., Swamy, B.R.K., Ind. J. Chem., Sec. A., 15A(2), 1115 (1977).
162. Singh, R.N., Singh, L.N. and Singh, H.S., Ind. J. Chem. Sec. A. 15(A) 12, 1118 (1977).
163. Vasudeva, W.C., Sherif, Z. and Hossady, A., Libyan J. Sci., 713, 27 (1977).
164. Malhotra, S.P. and Saxena, L.K., J. Ind. Chem. Soc., 55(2), 126 (1978).
165. Vasudeva, W.C., Suliman, M.R. and Hossady, A., J. Inorg. Nucl. Chem., 40(9), 1705 (1978).
166. Vasudeva, Wazir, C. and Suliman, M.R., Z. Phys. Chem. (Leipzig), 260 (1), 27 (1979).

167. Hambir Singh, Verma, L.R. and Kansal, B.D., J. Ind. Chem. Soc., 55(1), 37 (1979).
168. Agrawal, S.C., Chandra, G. and Jha, S.K., J. Inorg. Nucl. Chem., 41(6), 899 (1979).
169. Agrawal, S.C., Pal, R.S. and Agrawal, V.B., Bull. Soc. Chim. Fr. (1-2 pt. 1), 43 (1979).
170. Agrawal, S.C., Singh, Mahabir and Agrawal, V.B., Chem. Era., 15(11) (1979).
171. Meyerstein, Dan., J. Inorg. Nucl. Chem., 43(2), 401 (1981).
172. Srivastava, S.P., Mehrotra, R.N. and Shukla, A.K., J. Ind. Chem. Soc., 54(11), 1043 (1977).
173. Maheshwari, G.L., Singhal, L.K. and Tyagi, B.D., J. Ind. Chem. Soc., 52, 1029 (1975).
174. Arumugam, N., Srinivasan, C. and Kuthalingam, P., Ind. J. Chem., Sec. A., 16(6), 478 (1978).
175. Murty, P.S.N., Rao, P.V. Subba, J. Ind. Chem. Soc. 54(11), 1043 (1977).
176. Srinivasan, C., Kuthalingam, P. and Arumugam, N., Can. J. Chem., 56 (24), 3043 (1978).
177. Reddy, M.G., Ram Sethuram, B. and Rao. T. Navneeth, Ind. J. Chem., Sec. A., 19A(3), 263 (1980).

178. Srivastava, S.P., Kumar Anil and Mittal Adarsh, K.,  
Ind. J. Chem., Sec. A., 17(A)(6), 593 (1979).
179. Kadam, S.D., Salunkhe, M.M. and Jagdale, M.H. Acta  
Cienc. Indica, 5(3), 121 (1979).
180. Hambir Singh, Chauhan, K.S. and Rathi Umesh Kumar,  
J. Ind. Chem. Soc., 58(8), 809 (1980).
181. Anees Quiser, Nand, K.C., J.Sci., Res. (Bhopal, India),  
2(2), 121 (1980).
182. Agralwal, M.C. and Mushran, S.P., J. Ind. Chem. Soc.,  
42, 629 (1965).
183. Agrawal, M.C. and Mushran, S.P., J. Ind. Chem. Soc.,  
43, 343 (1966).
184. Srivastava, S.P. and Hambir Singh, J. Ind. Chem. Soc.,  
48(8), 725 (1971).
185. Srivastava, S.P. and Hambir Singh, Ind. J. Chem. 6,  
14A(9), 667 (1976).
186. Srivastava, S.P., Hambir Singh and Anil Kumar, Ind. J.  
Chem., 52 (5), 404 (1975).
187. Vasudeva Wazir Chand, Wasif Saad, Libyan. J. Sci., 3,  
25 (1973).
188. Sankpal, S.G., Patil, Nandini and Jagdale, M.H., J.  
Shivaji Univ. (Science)(India), 19, 35(1979).



189. Sankpal, S.G. and Jagdale, M.H., *Acta Ciencia Indica*, 41, 157 (1979).
190. Sankpal, S.G. and Jagdale, M.H., *Acta Ciencia Indica*, 1, 28 (1976).
191. Blank Eckardt, L., *Chem. News.*, 31, 81 (1900).
192. Szabo, Z.G., Csanyi, L. and Galiba, H., *Z. Anal. Chem.*, 135, 269 (1952).
193. Vant Hoff, J.H., *«Etudes de dynamique Chimique»*, F. Muller and Company, Amsterdam, p. 87 (1884).
194. Bronsted, J.N., *Z. Physik. Chem.*, 102, 169 (1922).
195. Kolthoff, I.M., Meehan, E.J. and Karr, E.M., *J. Am. Chem. Soc.*, 75, 1439 (1953).
196. Wiberg, K.B., *J. Am. Chem. Soc.*, 81, 252 (1959).
197. Ball, D.L., Crutchfield, M.M. and Edward, J.O., *J. Org. Chem.*, 25, 1599 (1960).
198. Feigl, Fritz, *'Spot Test in Organic Analysis'*, Elsevier Pub. Co., London (1972).
199. Evans, M.G., and Polanyi, M., *Trans. Faraday Soc.*, 31, 875 (1935).
200. Eyring, H., *J. Chem. Phys.* 3, 107, 1935.

201. Pelzer, H. and Wigner, E., Z. Physik. Chem., 15, 445 (1932).
202. Eyring, H. and Wynne - Jones, W.F.K., J. Chem. Phys., 3, 492 (1935).
203. Frost, A.A. and Pearson, R.G., 'Kinetics and Mechanism' John Wiley and Sons, New York, p.98 (1953).
204. Postmus, C. and King. E.L., J. Phy. Chem., 59, 1216(1935).
205. Benson, S.W., 'Foundations of Chemical Kinetics, McGrew-Hill Publication, p. 591 (1960).
206. Amis, E.S., 'Solvent effects on reaction rates and mechanism', Acad Press, New York and London (1966).
207. Scatchard, G., Chem. Rev., 10, 229 (1932).
208. Laidler, K.J. and Eyring H, Ann. N.Y. Acad. Sci., 39, 303 (1940).
209. Bronsted, J.N., Z. Physik. Chem., 115, 333 (1925).
210. Bjerrum, N., Z. Physik. Chem., 108, 82 (1925), *ibid*; 118, 251 (1925).
211. Christiansen, J.A., Z. Physik. Chem., 113, 35(1924).
212. Uri, N., Chem. Revs., 50, 375 (1951).
213. Haber, F. and Weiss, K., Proc. Roy. Soc. (London), 147, 333 (1934).

214. Bacon, R.G.R., Grime, R. and Munro, D.J., J. Chem., Soc., 2275 (1954).
215. Levit, L.S., J. Org. Chem., 20, 1297 (1955).
216. Riesebos, F.C. and Aten, A.W.H., J. Am. Chem. Soc., 74, 2440 (1952).
217. Chal'tykyan, O.A. and Bellerian, M.M., Izvest. Akad. Nauk. Arm. S.S.R. Khim. Nanki, 11, 13(1958).