

REFERENCES

REFERENCES

- Abid, S.H., Lue-Hing,C. and Sedita.S. (1978). Development of a method for concentrating nteroviruses in anaerobically digested sludge. The Metropolitan Sanitary District of Greater Chicago report no. 78-13. The Metropolitan Sanitary District of greater Chicago. Chicago. III.
- Abad-Zapatero C, Abdel-Meguid, S.S, Johnson, J.E, (1980). Structure of Southern bean mosaic virus at 2.8 Angstroms resolution. Nature. (Lond) 286:33-39
- Acharya, R., Fry, E., Stuart, D., Fox, G., Rowlands, D., & Brown, F. (1980). The three-dimensional structure of foot-and -mouth disease virus at 2.9 Aresolution. Nature (Lond) 337:709-715
- Arthington, A.H., Conrick, D.L., Connell, D.W., & Outridge, P.M (1982). The ecology of a polluted urban creek. Aust. Water Resources councl. Tech. Pap. No. 68 (Aust. Govt publishing service : Canberra.)
- Arthington, A.H., Yeates, G.W., & Conrick, D.L. (1986). Nematodes, including a new record of *Tobrilus diversipapillatus* in Australia, As potential indicators of sewage efflent pollution. Aust. J. Mar. Freshwater Res. 37,159-66
- Annual Report of Agoza (1982) : Activites of WHO Collaborating centre for virus Reference and Research. Egyptian organization for Biological Products and vaccines.

- Assaad, F. & Cockburn Wc. (1982).** The relation between acute persisting spinal paralysis and poliomyelitis vaccine-results of a ten- year enquiry. Bull WHO 60: 231-42
- Assaad, F. & Ljungars-Esteves, K. (1984).** World overview of poliomyelitis : regional patterns and trends. Rev. Infect. Dis 1984; (suppl.2) : 302-7
- Ball, I.R. (1967) :** The relative susceptibilities of some species of freshwater fish to poisons. I. Ammonia, water Res. 1,767.
- Benke, A.C., Willeke, G.E Parrish, F.K. & Stites, D.L. (1981).** Effects of urbanization on stream Ecosystems. Completion Report Project Number A-055-GA, Office of water Research and Technology, U.S. Department of the Interior.
- Bellar T.A., Lichtenberg, J.J. & Kroner, R.C. (1974).** The occurrence of organohalides in chlorinated drinking water. J.AW. Wa. 66,703-706
- Berg, G., Bodily, H., Lennette, E.H., Melnick, J.L. & Metcalt, T.G, (1976).** viruses in water. Washington Dc : American Public Health Association,.
- Bertucci, J.J., Lue-Hing, C. Zenz, D. & Sedita, S.J. (1977).** Inactivation of viruses during anaerobic sludge digesion J. water pollut. Control Fed. 49:1642-1651
- Benton, W.H. & Ward, R.L. (1982).** In duction of cytopathogenicity in mmmalian cell lines challenged with culturable enteric viruses and its enhancement by 5-iododeoxyridine. Appl Environ Miciobiol, 43:861-868

- Bottiger, M.(1973).** Experiences from investigations of virus is olations from sewage over a two year period with special regard to polioviruses. Arch, Ges virus forsch; 41:80-5
- Brunner, P.G., (1975).** Die verschmutzung des Regen-wasserabflusses in Trennverfahren, Diss., Munchen, 205 p.
- Butterfield, C.T., & Wattie, E., (1946).** Influence of PH and temperature on survival of colifoms and enteric pathogens when exposed to choramine. Public Health Reports 61 : 157-193
- Buescher, C.A. & Ryckman, D.W., (1961).** Reduction of foaming by A.B.S. by ozonation. 16 th Ind. Waste Conf., pp.251-261
- Burrow, W., (1963).** Text Book of Microbiology 18 th edn. W.B. Saunders Company, philadelphia.
- Burness, A.T.H., & Clothier, F.W., (1970).** Particle weight and other biophysical properties of encephalomyocarditis virus. J Gen Virol., 6:381-393
- Burton, T.M., Turner, R.R. & Harriss, R.C. (1977b).** Nutrient Expot from three North Florida watersheds in contrasting land use. In : Watershed Research in Eastern North America, D.L. Correll (Editor). Smithsonian Institution,
- Carolone, D.J., Long, A.M., & Mckeever, P.A., (1985).** Prevention of spread of echovirus 6 in a special care baby unit. Arch Dis child; 60 : 674-6
- Cameron, J. (1970).** Biological aspects of Polution in the Heathcote River, Christchurch, Zew Wealand. N.Z.J. Mar. Freshwater Res. 4 (4), 431-44

- Campbell, I.C. (1978):** Abiological investigation of an organically Polluted urban stream in victoria. Aust.J. Mar. Fresh water Res. 29, 275-91
- Chambers, Cecil W. (1971).** Chlorination for control of bacteria and viruses in treatment plant effluents. water pollut Control Fed 43(2) : 228-241
- Clark, C.C., & Jones, R.C. (1984):** Effects of Road Deicing salts on benthic insect, communities. Virginia Journal of Science 35:114
- Couch, R.B., Douglas, R. G. Jr., Lindgren, K.M., Gerone P.J., & Knight, V. (1970) :** Airbone transmission of respiratory infection with Cocksackie-virus A type 21. Am J Epidemiol; 91:78-86
- Cooney, M.K., Hall, C.E, & Fox, J.P.(1972) :** The seattle virus watch. III. Evaluation of isolation methods and summary of infections detected by virus isolations. Am J Epidemiol; 96:286-305
- Collins, Harvey F. and David G. Deaner. 1973:** Sewage chlorination versus toxicity a dilemma. Journal of the Enviromental engineeing division of American Society of Civil engineers 99 (EE6) : 761-772
- Cooper, P.D., Agel, V.I., & Bachrach, H.L., (1978) :** Picornaviridae : second report. Interivrology 1978; 10:165-80
- Cosser, P.R. (1988) :** Macroinvertebrate community structure and Chemistry of an organically polluted Creek in south-east Queensland. Aust. J.Mar. Freshwater Res., 39,671-83

- Crowell, R.L., & Goldberg B. (1974):** Propagation and assay of group ACoxsackieviruses in RD cells. Abstr Annu Meeting Am soc Microbiol; 44-208
- Crathorne, B., Fielding, M., Steel C.P. and Watts C.D. (1984):** Organic compounds in water : analysis using coupled-column high performance liquid chromatography and soft ionization mass spectrometry. *Envir. Sci. Technol.* 18,797-802
- Culp, Russell L. 1974:** Breakpoint chlorination for virus inactivation. *AWWA* 66 (12) :699-703
- Currey, K.M., Petrerlin, .BM., & Maizel, J.v. (1986):** Secondary structure of poliovirus RNA : correlation of computer-predicted with electron microscopically observed structure. *Virology*; 148:33-46.
- Dahling, D.R, Berg, G and Berman, D (1974) :** BGM, continuous cell line more sensitive than primary rhesus and African green kidney cells for the recovery of viruses from water. *Health Laboratory Science*, 11,275-282.
- Dalldorf, G., & Sickles, G.M., (1948) :** An unidentified, filtrable agent isolated from the faeces of children with paralysis. *Science*, 108 61-2
- DiGiano, F.A., Coler, R.A. , Dahiya, R.C., & Berger, B.B., (1975) :** A Projection of pollutional effects of urban Runoff in the Green River, Massachusetts. In : *Urbanization and water Quality control*, W. Whipple (Editor). American Water Resources Association, Minneapolis, Minnesota, PP. 28-37.
- Duda, A.M., Lenat, D.R. & Penrose, D.L., (1982) :** Water quality in urban streams-what we can Expect. *of the Water Pollut Contral Fed* 54: 1139-1147

- Duham, David, and Harold W. Walf. (1973) :** Wastewater chlorination : panacea or placebo. Water and sewage works 102 (10) : 67-71
- Duncan, I.B.R. (1963) :** Acomparative study of 63 strains of echovirus type 30. Arch virusforsch : 93-104
- Elia, V.J., Scott-Clark C., Mc Ginnis K.T., Cody T.E. and Kinmonn R.N. (1978):** Ozonation in a wastewater reuse system : examination of products formed. J.wat. Pollut. Control Fed. 50, 1727.
- Evans, F.L. and Ryckman D.W. (1963):** Ozonated treatment of wastes containing A.B.S. 18 th Ind. Waste Conf., pp. 141-157
- Ezaket, M. & Fox, k., (1975) :** Correlation and regression analysis. John Willy and Sons. Incorporation, New York, PP. 490.
- Garrison, A.W., Pope, J.D., and Allen, F.R.(1976):** GC/M5 analysis of organic compounds in domestic wastewaters. PP. 517-556. In : L.H.Keith, ed. Identification and analysis of organic pollutants in water, Ann Arbor Science Publ. Inc. Ann Arbor, Michigan, USA
- Geldreich, E.E. (1972):** Waterborne pathogens In : Water pollution microbiology. Mitchell, R., (ed), Wiley-Interscience, New york.
- Given, P.W. and Smith, D.W. (1983):** "Pilot studies of ozone disinfection and transfer in wastewater," proceedings of second National Symposium, orlando, Florida, EPA-600/9/83-009.

- Glass, J.S., Van Sluis, R.J., & Yanko, W.A., (1978) :** Practical method for detecting Poliovirus in anaerobic digester sludge. *Appl. Environ. Microbiol.* 35: 983-985
- Glaze, W.H. & Henderson, J.E., (1975) :** Formation of organochlorine compounds from the chlorination of municipal secondary effluent. *J. WPCE*, 47:2511-2515.
- Glaze, W.H., Henderson, J.E. & Smith, G. (1976):** Analysis of new chlorinated organic compounds in municipal wastewaters after terminal chlorination. PP. 247-254. I: L.H. Keith, ed. *Identification and analysis of organic pollutants in water*. Ann Arbor Science publ., Ann Arbor, Michigan, USA.
- Glaze, W.H., Henderson, J.E., & Smith, G. (1978):** Analysis of new chlorinated organic compounds formed by chlorination of municipal wastewater. PP. 139-159. In : R.L. Jolley ed., *water chlorination : Environmental Impact and Health Effects*. Vol.1. Ann Arbor science publ., Michigan, USA.
- Glaze, W.H., (1987) :** Drtreatment-water treatment with ozone. *Envir. Sci. Technol.* 21,224.
- Godfrey, P.J. (1978) :** Diversity as a measure of benthic macroinvertebrate community response to water pollution. *Hydrobiologia* 57, 111-22
- Goyal, S.M., K.S. Zerda, and C.P. Gerba. 1980:** Concentration of Coliphages from large volumes of water and wastewater. *Appl. Environ. Microbiol.* 39 : 85-91

Grabow, W.O.K. (1979): Disinfection of water; pros and cons. water SA, 5 98-105.

Grizzard, T.J., Waterman, R.N., Randall, C.W., & Hoehn, R.C., (1980) : The stimulation of Autotrophic production by urban stormwater-borne Nutrients. Progress in water Technology 12 : 893-896.

Hammon WMcD, Coriell, L.L, Wehrle, P.F.(1953) : Evaluation of Red cross gamma globulin as a prophylactic agent for poliomyelitis. IV. Final report of results based on clinical diagnosis. JAMA 1953; 151 : 1272-85

Hartmann, Ph., Block, J.C. Joret, J.c., Foliguet, J.M., and Richard, 4. (1983): Virological study of drinking and wastewater disinfection by ozonation. Water science Technology, 15 : 145-154

Harvard Report (1945): Disinfection of water related substances. Final report of the committee on medical research of the office of scientific research and Development. (contract No. OEMCNR-25)

Hawkes, H.A. (1957): Biological aspects of river pollution. In : L. Klein (ed.), Aspects of river pollution, London : Butterworths, P. 191-251

Hawkes, H.A. (1962): Biological aspects of river pollution. In River pollution. Vol 2. Causes and Effects. (Ed. L. Klein) PP. 311-429 (Butterworths : London)

Hawkes, H.A. 1979: Invertebrates as indicators of river water quality. In : A James and L.Evison (eds), Biological indicators of water quality. New york : John Wiley and Sons, p. 2-1-2-45

- Hellawell, J.M. (1978):** Biological surveillance of rivers. A biological monitoring handbook. Stevenage, England : Water Research Centre.
- Heymann DL. House-to-house and school lameness surveys in Cameroon (1984)**
: A comparison of two methods for estimating the prevalence and annual incidence of paralytic poliomyelitis. Rev Infect Dis ; 6(Suppl.2) : 376-8
- Hilsenhoff, W.L. (1977):** Use of arthropods to evaluate water quality of streams. Tech. Bull. No. 100, Wisconsin Dept. Nat. Resources, Madison, WI. 16 P
- Hirsch, A. (1958):** Biological evaluation of organic pollution of New zealand streams. N.Z.J. Sci. 1, 500-53
- Hogle, J.M., Chow, M, & Filman, D.J., (1985) :** The three-dimensional structure of Poliovirus at 2.9 A resolution. Science ; 229 : 1358-65
- Holl, J.J., (1962) :** Irreversible eclipse of poliovirus by Hela cells. Virology ; 16 : 163-176
- Hovi, T. Cantell, K. & Huovilainen, A. (1986) :** Outbreak of paralytic poliomyelitis in finland : Widespread circulation of antigenically altered Poliovirus type 3 in vaccinated population. Lancet ; 1 : 1427-32

Jansen, J., & Bucens, M.R. (1986) : Concentration of Rota-viruses by ultrafiltration. Water Res. 20 : 79-83

Johnson, J.D. (1977): Disinfection of water and wastewater. Ann Arbor Michigan.

Jolly, V.H., & Chapman, M.A. (1966) : A preliminary study of the effects of pollution on farmer's Creek and Cox's River, N.S.W. Hydrobiologia 27, 160-88.

Jolley, R.L. (1975) : Chlorine-containing organic constituents in chlorinated effluents. J.Wat. Pollut. Control Fed. 47, 601.

Jones, R.C. & B.H. Holmes, (1985) : Effects of land use on water Resources in virginia. Bulletin 144, Virginia Resources Research Center, Blacksburg, Virginia.

Kappor, S.K. (1969) : A Critique on disinfection of drinking water M.sc. thesis in Sanitary Engineering, University of Illinois.

King, A.M.Q., Sangar, D.V., Harris, T.J.R., & Brown F. (1980) : Heterogeneity of the genome-linked protein of foot-and mouth disease virus. J Virol ; 34 : 627-637.

Kitamura, N., Semler, B., Rothberg, P.G., (1981) : Primary structure, gene organization and polypeptide expression of polio-virus RNA. Nature (Lond) ; 291 : 547-553

Kondratieff, P.F., Matthews, R.A., and Buikema, A.L. (1984) : A stressed stream ecosystem : macroinvertebrate community integrity and microbial trophic response. Hydrobiologia 111,81-91.

- Kuhn, W., Sontheimer, M., Steiglitz L., Maier, D., & Kurz, R., (1978) :** Use of ozone and chlorine in water utilities in federal Republic of Germany. J. AWWA. 70,326-331
- Landsteiner, K., Popper, E., (1909) :** Übertragung der poliomyelitis akuta auf Affen. Z Immunitets Forsch Orig ; 2 : 377-90.
- Larsen, G.R., Semler, B.L., & Wimmer, E., (1981) :** Stable hairpin structure within the 5- terminal 85 nucleotides of poliovirus RNA. J. Virol; 37 : 328-335.
- Laubusch, E.J. (1962) :** Water chlorination and wastewater chlorination. In : chlorine : Its Manufacture, properties, and uses. J.S. Sconce(ed). American chemical society Monograph series. Reinhold publishing Corp., New york. 901p.
- Lenat, D.R., Smock, L.A., & Penrose, D.L., (1980) :** Use of benthic macroinvertebrates as indicators of environmental quality. In : D.L. worf (ed) Biological monitoring for environmental effects. Lexington, MA : Lexington Books, P. 97-112.
- Mackenthun, K.M., (1969) :** The practice of water pollution biology. Fed. Water Pollut. Control Admin., U.S. Dept. Interior. 281p.
- Maguire T. (1970) :** The laboratory transmission of Coxsackie A6 virus by mosquitoes. J Hyg ; 68 : 625-630.
- Marchant, R., Mitchell, P., and Norris, R. (1984) :** Distribution of benthic invertebrates along a disturbed section of the La Trobe River, Victoria : An

analysis based on numerical classification. Aust. J. Mar. Freshwater Res. 35,355-74

Matlhews, R.A., Buikema, A.J. Cairns, J., and Rodgers, J.H (1982): Biological monitoring. II A. Receiving system functional methods, relationships and indices. Water Res. 16, 129-39.

McIvor, C.C. (1976) : The effect of organic and nutrient enrichment on the benthic macroinvertebrate community of Moggill Creek, Queensland. Water 3141, 16-21.

Mechsner, KI., Fleischmann, T., Mason, C.A., & Hamer, G. (1991) : UV Disinfection: Short term inactivation and revival. Wat. Sci. Tech. vol 24, No 2, PP. 339-342.

Melnick, J.L., Shaw, E.W., & Curnen, E.C., (1949) : Avirus from patients diagnosed as non-paralytic poliomyelitis or aseptic meningitis. Proc. Soc Exp Biol Med ; 71 : 344-9

Melnick, J.L., Penner, L.R., (1952) : The survival of Poliomyelitis and Cocksackie viruses following their ingestion by flies. J.Exp. Med; 96 : 255-271.

Melnick, J.L., (1957) : ECHO viruses. In : Cellular biology, nucleic acids, and viruses, vol. 5. New York : Special publications of the New York Academy of Sciences, : 365-381.

Melnick, J.L., Dalldorf, G., & Enders, J.F., (1957) : The enteroviruses. Am. J. Public Health; 47 : 1556-156

- Melnick, J.L., Ashkenazi, A. Midulla, V.C., Wallis, C.T., Bernstein, A. (1961)**
: Immunogenic potency of $MgCl_2$ - stabilized oral poliovaccine. JAMA ; 406-408.
- Melnick, J.L., Crowther, D. & Barrera-Oro J. (1961)** : Rapid development of drug-resistant mutants of Polioviruse Science ; 134 : 557.
- Melnick, J.L., Gerba, C.P., & Wallis, C., (1978)** : Viruses in water. Bull WHO ; 56 : 499-508
- Melnick, J.L. (1983)** : Portraits of viruses : Picornaviruses. Intervirology ; 20 : 61-100.
- Melnick, J.L., Dow, R.P. (1984)** : Poliomyelitis Hidalgo country, Texas, Poliomyelitis and Cocksackie viruses from flies.
- Melnick, J.L. (1984)** : Enteric viruses in water : Monographs in virology, vol. 15. Basel, Switzerland. karger.
- Melnick, J.L. (1984)** : Ente. In : Evans AS, ed. Viral infections of humans, epidemiology and control. 2nd ed. New York, London : Plenum, 187-251.
- Melnick, J.L. (1985)** : Enteroviruses : Polioviruses, Cocksackieviruses, ECHO-viruses and newer enteroviruses. In : Fields BN, ed. Virology. New York : Raven press.
- Metcalf & Eddy (1972)** : Wastewater Engineering, PP.354-357. Mc Graw-Hil series

- Moore, B.C., SaGIK, B.P., & Sorber, C.A., (1978) :** land application of sludges : minimizing the impact of viruses on water resources. In proceedings of the impact of viruses on water resources. In proceedings of the conference on risk assessment and health effects of land application of municipal wastewater and sludges. Edited by B.P. Sagik and C.A. Sorber. University of Texas, san Antonio PP : 154-167.
- Murphy, P.M., (1979) :** Amanual for toxicity test with freshwater macroinvertebrate and a review of the effects of specific toxicants. (Uniu-Wales) Instit. Sci. Technol. : (ardiff).
- Murray, M.G., kuhn, R.J., Arita, M., kawamura, N., Nomoto, & A., Wimmer, E., (1988) :** Poliovirus type 1- type 3 antigenic hybrid virus constructed in vitro elicits type 1 and type 3 neuralizing antibodies in rabbits and monkeys. Proc Natl Acad sci USA; 58 : 3203- 7.
- Narkis, N., & Schneider-Rotel, M., (1980) :** Ozone induced biodegradability of a non-ionic surfactant. Wat. Res. 14,1225.
- Narkis, N., Ben-David, B., & Schneider-Rotel, M., (1984) :** Ozonation of non-ionic surfactants in aqueous solutions. Wat . Sci. Technol. 17, 1069-1080.
- Narkis, N., Ben-David, B., & Schneidor-Rotel, M., (1987) :** Non ionic surfactants interactions with ozone., Tenside Surfact. Deter. 24,200.
- Naoyuki, K., & Shinichiro, O., (1989) :** RNA Coliphage QB as a bioindicator of the ultraviolet disinfection efficiency. Wat. Sci. Tech. Vol. 21,No. 3,p 227-231

Neergaard, Jacobsen, B., (1984) : Effects of stormwater discharges to small lakes.

Proc. 3 rd Int. Conf. on urban storm drainage, Gothenburg, vol.4 : 68-78.

Nurp, (1983) : Results of the Nationwide urban runoff program. volume 1. final report, NTIS PB 84-185552, Washington, D.C., 94p

Ohio Department of Natural Resources (1968) : State of Ohio Scenic rivers act.

Ohio Dept. Nat. Resources, Columbus, OH.

Oliff, W.D., (1960) : Hydrobiological studies on the Tugela River system. II.

Organic pollution in the Bushanans River. Hydrobiologia 16,137-96

Olive, J.H., (1976) : Chemical-physical and biological assessment of water quality

in the Cuyahoga River (1973-1974). Ohio J.sei. 76 (1) : 5-15

Oseid, D.M., & Smith, L.L., (1974): Factors influencing acute toxicity estimates of

hydrogen sulfide to freshwater invertebrates. Water Res. 8, 739-46

Osborne, L.L., & Davies, R.W., (1987) : The effects of a chlorinated discharge

and a thermal outfall on the structure and composition of the aquatic

macroinvertebrate communities in the Sheep River, Alberta, Canada. Water Res.

21, 913-21

Palmenbgerg, A.C., (1987) : Comparative organization and genome Structure in

Picornaviruses. In : Brinton MA, Rueckert RR, ed. Positive strand RNA viruses.

New York : Alan R. Liss; 25-34

Penny, S.F., (1985) : The use of macroinvertebrate in the assessment of point

source pollution. In "Biological Monitoring in freshwater : Proceedings of a

Seminar, Hamilton, November 1984. Part 2. water soil Misc. Publ. No.83, PP. 205-15 (Min. Works & Development : Wellington, New Zealand.)

Pearson, R.G., & Penridge, L.K., (1987) : The effects of pollution by organic sugar mill effluent on the macroinvertebrates of a stream in tropical Queensland, Australia. *J. Environ Manage.* 24,205-15

Pitt, R., & Bozeman, M., (1983) : Sources of urban Runoff pollution and its effects on urban Creek. U.S Environmental protection Agency, EPA-600/52-82-090

Poduska, Richard, A., & Daniel, Hershey, (1972) : Model for virus inactivation by chlorination. *Journal Wat Pollution Control Fed* 44 (5) : 738-745

Rabeni, C.F., Davies S.P., & Gibbs K.E., (1985) : Benthic invertebrate response to pollution abatement : structural changes and functional implications. *Water Res. Bull.* 21(3) : 489-497.

Racaniello, V.R., & Baltimore, D., (1981) : Molecular cloning of poliovirus cDNA and determination of the complete nucleotide sequence of the viral genome. *Proc. Natl. Acad Sci USA* , 78 : 4887-04891.

Rakness, K.L., Stover, E.L., & Krennek, D.L., (1984) : "Design, start-up and operation of an ozone disinfection unit", *J WPCF*, 65 (11) : 1152-1159

Randall, C.W., Grizzard, T.J., & Hoehn, R.C., (1978) : Impact of urban Runoff on water Quality in the Occoquan watershed. Bulletin 80, Virginia Water Resources Research Center, Blacksburg, Virginia.

Reed, L.A., (1978) : Effectiveness of Sediment-control Techniques using during Highway construction in central pennsyl l-vania. Water Supply paper 2054, U.S. Geological survey, Washington, D.C.

Richards, O.C., Morton, K., Martin, S.C., & Ehrenfeld, E., (1984) : Two forms of poliovirus VPg result from amino acid modification of a single viral protein. Virology ; 453-456.

Righton, M.J.R., & Watts, C.D., (1986) : Identification of surfactants in water samples using sublation extraction and fast atom bombardment mass spectrometry. Water Research Centre. Marlow, Bucks., England. External Report ER 1194-M

Rosen, L., Melnick, J.L., & Schmidt, N.J., (1970) : Subclassification of enteroviruses and ECHO virus type 34. Arch Ges virusforsch ; 30 : 89-92

Rosen, H.M., (1973) : Use of ozone and oxygen in advanced wastewater treatment. J. Wat. Pollut. Control Fed. 45,2521.

Rosen, H.M., & Sacci, C., (1977) : "Ozone contacting for wastewter disinfection", Presented at the 3ed International symposium and World Congress of the International Ozome Institute.

Rogers, G.N., Paulson, J.C., Daniels, R.S., SKeheh, J.J., Wilson, I.A., & Wiley, D.C., (1983) : Single amino acid substitutions in influenza haemagglutinin change receptor binding Nature (Lond) ; 304 : 76-78

Schmidt, N.J., Ho, H.H., & Lennette, E.H., (1976) : Comparative sensitivity of the BGM cell line for isolation of enteric viruses. Health Laboratory Science, 13,115-117

Sergiescu, D., Horkodniceanu, F., & Aubert-Combiescu, A., (1972) : the use of inhibitors in the study of picornavirus genetics. Proc Med Virol ; 14 : 123-199.

Severin, B.f., & Suidan, M.T., (1985) : Ultraviolet disinfection for municipal wastewater. Chem. Eng. Prog., 81(4), 37-44

Smith, L.L., & Oseid, D.M., (1972) : Effects of hydrogen sulfide on fish eggs and fry. Water Res. 6,711-20

Smith, D.W., Caverson, D.L., & finch, G.R., (1985) : Use of a complete mix reactor for wastewater disinfection by ozone. In R.Perry and A.E. McIntyre (ed): "The role of ozone in water and wastewater treatment". London, PP. 269-277

Sonzogni, W.C., Chesters, G., Coote, D.R., Jeffs, D.N., konard, J.C., Ostry, R.C., & Robinson, J.B., (1980) : Pollution from land Runoff. Environ Science and Techn 14 : 148-153.

Sowyer, Clair, N., (1960) : Residual chlorine and chlorine demand. In : Chemistry for Sanitary Engineers. Mc Graw-Hill Bool Company Inc., New York. PP. 246-256

Stover, E.L., Jarnis, R.J., & Long, J.P., (1980) : "High level ozone disinfection of municipal wastewater effluents", US,EPA Disinfection Research Project, Grant No. R 804946, Cincinnati, Ohio.

Standard, Methods, for the Examination, of water & wastewater, (1992) :
APHA-AWWA. WPCF. N.W. Washington.

Subramanyan, T.P., (1977) : Persistence of enteroviruses in sewage sludge. Bull. WHO. 55 : 431-434.

Susanne, C., & Wolfgang, P., (1991) : UV Disinfection of secondary effluents from sewage treatment plant. Wat. Sci. Tech. vol. 24, No2, PP 343-346.

Talbot, P., Brown, F., (1972) : A model for foot and-mouth disease virus. J Gen Virol ; 15: 163-170

Tebbutt, T.H.Y., (1977) : Principles of water quality control. PP. 141-144, 2 nd. ed. Pergamon Press.

Tesmer, M.G., & D.R., Wehring, (1981) : Annual macroinvertebrate sampling-a low-cost tool for ecological assessment of effluent impact. In : J.M. Bates and C.J. Weber (eds) Ecological assessments of effluent impacts on communities of indigenous aquatic organisms. ASTM STP 730. Philadelphia, PA : Am. Soc. Testing and Materials : PP. 264-279

Trask, J.D., Melnick, J.L., & Wenner, H.A., (1945) : Chlorination of human, monkey adapted and mouse strains of Poliomyelitis virus. Am. J. Hyg. ; 41 : 30-40

Vallancourt, R.J., (1984) : Current Poliovirus vaccines. Rev. Infect. Dis. ; 6
(Suppl.2) . 328-30

Venosa, A.D., Meckes, M.C., Opathken, E.J., & Evans, J.W., (1979) :
"Comparative efficiencies of ozone utilization and microorganism reduction in
different ozone contractors". Proceedings of the National Symposium,
Cincinnati, Ohio, 9/18 - 20, 1978, EPA- 600 / 9-79-018

Vogt, C., & Regli, S., (1981) : Controlling trihalomethanes while attaining
disinfection. J. Am. W. W. A. 73, 33-40

Ward, R., Melnick, J.L., & Horstmann, D.M., (1945) : Polio myelitis virus in fly
contaminated food collected at an epidemic. Science ; 101 : 491-493

Wallis, C., Melnick, J.L., (1961) : Cationic Stabilization. A new property of
enteroviruses. Virology ; 16 : 683-700

Ward, R.L., & Ashley, C.S., (1976) : Inactivation of Poliovirus in digested
sludge. Appl. Environ. Microbiol. 31 : 921-930

Water-Planning Division, U.S., Environmental protection Agency, (1983) :
Results of the Nationwide urban Runoff program. Volume I- Final Report, WH-
554, U.S. Environmental Protection Agency, Washington, D.C.

Watson, J.A.L., Arthington, A.H., & Conrick, D.L., (1982) : Effect of sewage
effluent on dragon flies (odonata) of Bulimba Creek, Brisbane. Aust. J. Mar.
Freshwater Res. 33, 517-28

- Watton, A.J., & Hawkes, H.A., (1984) :** The performance of an invertebrate colonization sampler (S.Auf.U.) in biological surveillance of lowland rivers. In : D: pascoe and R.W. Edwards (eds). Freshwater biological monitoring. Adv. Water Poll. Contr., Int. Assoc. Water Poll. Res. and Control. New York : Pergamon Press; PP 15-24
- Weber, C.I. (ed.) (1973) :** Biological Field and laboratory methods for measuring the quality of surface waters and effluents. Cincinnati, OH : EPA 670/4-73-100 National Env. Research Center, U.S. Env. Prot. Agency.
- Wellings, F.M., Lewis, A.L., & Mountain, C.W., (1976) :** Demonstration of solids-associated virus in wastewater and sludge. Appl. Environ. Microbiol. 31 : 354-358
- Whipple, W., & Hunter, J.V., (1979) :** Petroleum Hydrocarbons in urban Runoff. Water resources Bulletin 15 (4) : 1096-1105
- Wickramanayake, G.B., Rubin, A.J., & Sproul, O.J., (1984) :** Inactivation of Naegleria and Giardia cysts in water by ozonation. J of Wat Pollut control Fed, 56: 983-988.
- Wimmer, E., (1982) :** Genome-linked proteins of viruses. Cell.; 28 : 199-201
- Wolman, M.G., & Schick, A.P., (1967) :** Effects of construction on fluvial sediment, Urban and Suburban areas of Maryland. Water Resources Research 3: 451-464.