

REFERENCES

- Almestrand, L., Jagner D., and Renman, L. (1987). Automated Determination Of Cadmium And Lead In Whole Blood By Computerized Flow Potentiometric Stripping With Carbon Fibre Electrodes. *Anal. Chim. Acta.*, 193, 71-79.
- Alto, P. L. (1995). Should Leaded Gasoline Be Banned?. *Energy Forum*, 1, 27-30.
- Ashley, K. (1994). Electroanalytical Applications In Occupational And Environmental Health. *Electroanalysis*, 6, 805-820.
- Ashworth, W. (1991). The Encyclopedia of Environmental Studies. New York: Facts on File, Inc. pp. 479-480.
- Barltrop, D. (1973). Children and Environmental Lead. in Hepple, P. (ed.) Lead in the Environment. Barking, Essex: Applied Science Publishers, Ltd. pp. 52-59.
- Berode, M., Wietlisbach, V., Rickenbach, M., and Guillemin, M. (1991). Lifestyle And Environmental Factors As Determinants Of Blood Lead Levels In A Swiss Population. *Environ. Res.*, 55, 1-17.
- Boeckx, R. L. (1986). Lead Poisoning In Children. *Anal. Chem.*, 58, 274A-286A.
- Boontherawara, N., Paisarnutpong, O., Panich, S., Phiu-Nual, K., and Wangwongwatana, S. (1994). Traffic Crisis And Air Pollution In Bangkok. *TEI Quarterly Environment Journal*, 2, 4-36.
- Brezonik, P. L., Brauner, P. A., and Stumm, W. (1976). *Water Res.*, 10, 605.
- Chiang Mai Province Land Transport Office, Chiang Mai City, January 1997.

Chiang Mai Traffic Registry Office, August 1995.

Chiba, M. and Masironi, R. (1992). Toxic And Trace Elements In Tobacco And Tobacco Smoke. *Bull. W. H. O.*, 70(2), 296-275.

Clench-Aas, J., Thomassen, Y., Levy, F., Bartonova, A., and Skaug, K. (1990). The Effect of Reducing Air Lead from Vehicular Sources on the Blood Lead Concentrations in Two Norwegian Towns. Lillestrom: Norwegian Institute of Air Research.

Comision Metropolitana para la Prevencion y Control de la Contaminacion Ambiental en el Valle de Mexico. La Contaminacion Atmosferica en el Valle de Mexico. Mexico, DF, 1994.

Cunningham, W. P., Ball, T., Cooper, T. H., Gorham, E., Hepworth, M. T., and Marcus, A. A. (eds.) (1994). Environmental Encyclopedia. Detroit: Gale Research, Inc. pp. 364-365.

Davis, J. M. and Svendsgaard, D. J. (1987). Lead and Child Development. *Nature*, 329, 297-300.

Department of the Environment. (1990). Effect On Blood Lead Concentration Of A Reduction In Petrol Lead. Fact Sheet, F. S. 4. June 1990. London, U. K. : Health Safety and Environmental Affairs Department.

Duic, L., Szecher, S. and Srinivasan, S. J. (1973). Determination Of Lead In Whole Blood Using Anodic Stripping Voltammetry. *J. Electroanal. Chem.*, 41, 89-92.

Eidson, M. and Tollesstrup, K. (1995). Blood Lead Levels And Remediation Of An Abandoned Smelter Site. *J. Environ. Health*, 57, 8-14.

Elias, R. W. (1985). Lead Exposures In The Human Environment. in Mahaffey, K. R. (ed.). Dietary and Environmental Lead: Human Health Effects, Vol. 4. Amsterdam: Elsevier Science (Biomedical Division) pp. 79-107.

Ewers, U. and Schlipkötter, H. (1991). Lead in Merian, E. (ed.) Metals and Their Compounds in the Environment: Occurrence, Analysis and Biological Relevance. New York: VCH Publishers, Inc. pp. 971-1014.

Finkelman, J. (1996). Phasing Out Leaded Gasoline Will Not End Lead Poisoning In Developing Countries. *Environ. Health Perspect.*, 104, 10-11.

Goodman, A. and Gilman, L. (eds.) (1996). Pharmacological Basis of Therapeutics, 9th ed. New York: McMillan Publishing pp. 1616-1622.

Goyer, R. A. (1993). Lead Toxicity: Current Concerns. *Environ. Health Perspect.*, 100, 177-187.

Grobler, S. R., Maresky, L. S., and Kotze, T. J. (1992). Lead Reduction Of Petrol And Blood Lead Concentrations Of Athletes. *Arch. Environ. Health*, 47, 139-142.

Harrison, R. M. and Laxen, D. P. H. (1981). Lead Pollution Causes and Control. London: Chapman and Hall pp. 58-59; 65.

Harte, J., Holdren, C., Schneider, R., and Shirley, C. (1991). Toxics A to Z (A Guide to Everyday Pollution Hazards). Los Angeles/Berkeley: University of California Press. pp. 333-336.

- Hense, H., Filipiak, B., Novak, L., and Stoeppler, M. (1992). Nonoccupational Determinants Of Blood Lead Concentrations In A General Population. *Int. J. Epidemiology*, 21, 753-762.
- Hernandez, M. Grupo Interinstitucional de Estudios en Plomo, Mexico. Information presented at the International Symposium on Lead in the Americas: Strategies for Disease Prevention. Cuernavaca, Mexico, 8-10 May 1995.
- Jagner, D., Josefson, M., Westerlund, S., and Arén, K. (1981). Simultaneous Determination Of Cadmium And Lead In Whole Blood And In Serum By Computerized Potentiometric Stripping Analysis. *Anal. Chem.*, 53, 1406-1410.
- Jagner, D., Renman, L., and Wang, Y. (1994). Determination Of Lead In Microliter Amounts Of Whole Blood By Stripping Potentiometry. *Electroanalysis*, 6, 285-291.
- Kang, Z. (1996). *Determination of Lead Level in Roadside Dusts in Chiang Mai City*. M. S. Thesis, Chiang Mai University, Thailand.
- Lewis, R. J. (1993). Hazardous Chemicals Desk Reference, 3rd ed. New York: Van Nostrand Reinhold pp. 759-763.
- Miller, J. C. and Miller, J. N. (1993). Statistics for Analytical Chemistry, 3rd ed. New York: Ellis Horwood PTR Prentice Hall pp. 110-124.
- Morrell, G. and Ghiridhar, G. (1976). *Clin. Chem.*, 22, 221.
- Namihira, D., Saldivar, L., Pustilnik, N., Carreón, G., J., and Salinas, M. E. (1993). Lead in Blood and Milk from Nursing Women Living Near a Smelter in Mexico City. *J. Toxicol. and Environ. Health*, 38, 225-232

Oskarsson, A. (1989). Exposure of Infants and Children to Lead. Food and Agriculture Organization of the United Nations (UN FAO): Rome.

Ostapczuk, P. (1992). Direct Determination Of Cadmium And Lead In Whole Blood By Potentiometric Stripping Analysis. *Clin. Chem.*, 38(10), 1995-2001.

Palazuelos, E., Romiere, I., Hernandez, M., y Ríos, C. Grupo Interinstitucional de Estudios en Plomo. Impacto Ambiental De La Reformulacion De Gasolinas En La Zona Metropolitana De Al Ciudad De Mexico. Comision Metropolitana para la Prevencion y Control de la Contaminacion Ambiental en el Valle de Mexico, Mexico DF, 1993.

Population Institute, Chulalongkorn University. (1995). Population Census. Bangkok: Chulalongkorn University.

Pollution Control Department. (1993). Situation of Pollution in Thailand. Bangkok: Ministry of Science, Technology and Environment. pp. 40-41. (in Thai)

Rabinowitz, M. B. , Wetherill, G. W. , and Kopple, J. D. (1973). Lead Metabolism In The Normal Human: Stable Isotope Studies. *Science*, 182, 725-727.

Rice, D. C. (1996). Behavioral Effects of Lead: Commonalities Between Experimental and Epidemiologic Data. *Environ. Health Perspect.*, 104 (Suppl 2), 337-351.

Sagberg, P. and Lund, W. (1982). *Talanta*, 29, 457.

Saxena, D. K., Mathur, N., and Chandra, S. V. (1994). Blood And Placental Lead Levels In An Indian City: A Preliminary Report. *Arch. Environ. Health*, 49, 106-110.

Schwartz, J. (1995). Lead, Blood Pressure and Cardiovascular Disease in Men. *Arch. Environ. Health*, 50, 31-37.

Searle, B., Chan, W., and Davidow, B. (1973). Determination Of Lead In Blood And Urine By Anodic Stripping Voltammetry. *Clin. Chem.*, 19, 76-80.

Stoker, H. S. and Seager, S. L. (1972). Environmental Chemistry: Air and Water Pollution. Glenview: Scott, Foresman & Co. pp. 131-141.

Stubbs, R. L. (1973). Sources of Lead in the Environment in Hepple, P. (ed.) Lead in the Environment. Barking, Essex: Applied Science Publishers, Ltd. pp. 1-6.

Prapamontol, T., Linpisarn, S., Leelapat, P., Pisalthanapuna, S., Leohirun, A., Vaseenon, V., Wongworapat, K., Yutabootr, Y. and Liwsrisakun, C. Abstracts. The 2nd International Conference on Environmental and Industrial Toxicology: Research and Its Applications, Bangkok, Thailand. 9-13 December 1996, p. 161.

The Conservation Foundation. (1984). State of the Environment (An Assessment at Mid-Decade). Washington, D. C.: The Conservation Foundation.

Todd, A. C., Wetmur, J. G., Moline, J. M., Godbold, J. H., Levin, S. M., and Landrigan, P. J. (1996). Unraveling The Chronic Toxicity Of Lead: An Essential Priority For Environmental Health. *Environ. Health Perspect.*, 104 (Suppl 1), 297-300.

Vongchak, T., Prapamontol, T., Wongtrakul, J., Kang, Z., Short, O., Kitisri, C., Cheewawat, W., and Silprasert, A. Abstracts. The 2nd International Conference on Environmental and Industrial Toxicology: Research and Its Applications, Bangkok, Thailand. 9-13 December 1996, p. 162.

Wang, J. (1985). Stripping Analysis Principles, Instrumentation and Applications. Deerfield Beach: VCH Publishers, Inc.

Wangwongwatana, S. (1996). Is It True That Unleaded Gasoline Is More Dangerous Than Leaded Gasoline? *Thai Environmental Engineering Journal*, 10, 15-19. (in Thai).

Wietlisbach, V., Rickenbach, M., Berode, M. M., and Guillemin, M. (1995). Time Trend And Determinants Of Blood Lead Levels In A Swiss Population Over A Transition Period (1984-1993) From Leaded To Unleaded Gasoline Use. *Env. Res.*, 68, 82-90.

Wojciechowski, M. and Balcerzak, J. (1990). Square-Wave Voltammetry At Glassy-Carbon-Based Thin Mercury Film Electrodes In Solutions Containing Dissolved Oxygen. *Anal. Chem.*, 62, 1325-1331.

World Bank. (1992). World Development Report: Development and the Environment. New York: Oxford University Press.

World Health Organization (WHO)/United Nations Environment Programme. (1977). Environmental Health Criteria 3 -- Lead. Geneva: WHO. pp. 10-159.

World Health Organization Regional Office for Europe (WHO Euro) (1987). Air Quality Guidelines for Europe. (WHO Regional Publications, European Series No. 23) pp. 242-261.