REFERENCES

- Allen, H.E., Hall, L.H. and Brisbin, T.B. (1980) Metal speciation effects on aquatic toxicity. Environ. Sci. Technol., 4:442.
- Babji, A.S., Awang, Z. and Embong, M.S. (1986) Monitoring of heavy metals contents of coastal water fishes in Peninsular Malaysia. In: Proc. Intl. Conf. Dev. Managt. Trop. Living Aquat. Resources, Universiti Pertanian Malaysia, Serdang, pp. 219.
- Budinova, T.K., Gergova, K.M., Petrov, N.V. and Minkova, V.N. (1994) Removal of metals ions from aqueous solution by activated carbons obtained from different raw materials. J. Chem. Tech. Biotechnol., 60:177.
- Camp, F.R. and Meserve, R.L. (1974) Water and Its Impurities, Dowden, Hutchinson and Ross, Stroudsburg, Pennylvania.
- Chiew, T.W. and Sekhar, S. (1996) Adsorption of Copper by Coconut-based and Coal-based Activated Carbon. Final Year Chemical Engineering Project Report, University of Malaya, Kuala Lumpur.
- Dames and Moore Waste Management International Limited. (1988) Feasibility Study on Treatment and Disposal of Toxic and Hazardous Wastes in Malaysia, Department of Environment, Kuala Lumpur.
- Darnall, D.W. (1991) Removal and recovery of heavy metal ions from wastewaters using a new biosorbent; AlgaSORB. In: Innovative Hazardous Waste Treatment Technology Series. vol. 3. Biological Processes, Freeman, H.M. (ed.), Technomic Publishing Company, Lancaster, pp. 65.
- Davis, M. and Sandy, T. (1992) Treatment of metal plating and finishing wastes. In: Handbook of Industrial Waste Treatment, vol. 1. Wang, L.K., Sung-Wang, M.H. (eds.), Marcel Dekker, New York.
- Department of Environment (DOE) (1989) Environmental Quality Report 1988. Ministry of Science; Technology and Environment, Malaysia.

- Department of Environment (DOE) (1992) Environmental Quality Report 1992.

 Ministry of Science, Technology and Environment, Malaysia.
- Department of Environment (DOE) (1993) Environmental Quality Report 1993.

 Ministry of Science, Technology and Environment, Malaysia.
- Eichenberger, B.A. and Chen, K.Y. (1982) Origin and nature of selected inorganic constituents in natural waters. In: Water Analysis, vol. 1, Inorganic Species, Part 1, Minear, R.A. and Keith, L.H. (eds.), Academic Press, New York, pp. 1-54.
- Hannah, S.A., Jelus, M. and Cohen, J.R. (1977) Removal of uncommon trace metals by physical and chemical treatment processes. J. Wat. Pollut. Control Fed., 49:2297.
- Hashim, M.A., Chu, K.H., Chitguppa, R. and Ma, A.N. (1996) Adsorption of copper by fly ash obtained from oil-palm waste. In 6th JSPS-VCC Seminar, November 1996, Kyoto, Japan.
- Heslop, R.B. and Robinson, P.L. (1967) Inorganic Chemistry, Elsevier,
 Amsterdam.
- Higgins, T.E. (1989) Hazardous Waste Minimisation Handbook, Lewis Publishers, Michigan, pp. 75.
- Huang, C.P. and Ostrovic, F.B. (1978) Removal of cadmium (II) by activated carbon adsorption. J. Environ. Eng., Div. ASCE, 104:863.
- Huang, C.P. and Rhoads, E.A. (1989) Adsorption of Zn (II) onto hydrous aluminosilicates. J. Colloid and Interface Sci., 131(2):289.
- Kopp, J.F. (1970) The occurrence of trace elements in water. In: Proc. Ann. Conf. Trace Subst. Environ. Health, University of Missouri, Columbia.
- Latimer, W.M. (1952) Oxidation Potentials, Prentice-Hall, Englewood Cliffs, New Jersey.
- Lee, Y.P. (1999) Adsorption of Chromium(III) and Cadmium(II) on Activated Carbon. M.Tech. Dissertation, University of Malaya, Kuala Lumpur.

- Lu, J.C.S. and Chen, K.Y. (1974) Migration of trace elements in interfaces of seawater and polluted surficial sediments. Environ. Sci. Technol., 11:174.
- Luo, B., Patterson, J.W. and Anderson, P.R. (1992) Kinetics of cadmium hydroxide precipitation. Wat. Res., 26(6):745.
- Maruyama, T., Hannah, S.A. and Cohen, J.R. (1975) Metal removal by physical and chemical treatment processes. J. Wat. Pollut. Control Fed., 47:962.
- McKee, J.E. and Wolf, H.W. (1963) Water Quality Criteria, Calif. State Water Oual. Control Board, Publ. No. 3-A.
- Netzer, A. and Hughes, D.E. (1984) Adsorption of copper, lead and cobalt by activated carbon. Wat. Res., 18(8):927.
- Ng, P.C. (1999) Adsorption of Copper(II), Chromium(III) and Zinc(II) onto Prawn Shells and Fly Ash. M.Tech. Dissertation, University of Malaya, Kuala Lumpur.
- Ong, G.S. (1996) Cadmium and Nickel Biosorption by the Biomass of Chlorella vulgaris (Chlorophyta). M. Biotech. Dissertation, University of Malaya, Kuala Lumpur.
- Panday, K.K., Prasad, G. and Singh, V.N. (1985) Copper(II) removal from aqueous solution by fly ash. Wat. Res., 19(7):869.
- Patterson, J.W. (1985) Industrial Wastewater Treatment Technology, 2nd Edition, Butterworth Publishers, Stoneham.
- Peters, R.W. and Ku, Y. (1987) The effect of citrate, a weak chelating agent, on the removal of heavy metals by sulfide precipitation. In: Metal Speciation, Separation and Recovery, Patterson, J.W. and Passino, R. (eds.), Lewis Publishers Inc., Chelsea, Mich., pp.147-169.
- Rosnani, I. (1986) Management of radioactive wastes in Malaysia. In: How Far the Poisoning?, Environmental Protection Society Malaysia, Petaling Jaya.
- Sawyer, C.N. and McCarty, R.L. (1978) Chemistry for Environmental Engineering, McGraw-Hill, New York.

- Skolkovitz, E.R. and Copland, D. (1981) The coagulation, solubility and adsorption properties of Fe, Mn, Cu, Ni, Cd, Co and humic acids in river water. Geochim. Cosmochim. Acta. 45:181.
- Stumm, W. and Morgan, J. (1981) Aquatic Chemistry, John Wiley & Sons Inc., New York.
- Volesky, B. (1990) Removal and recovery of heavy metals by biosorption. In: Biosorption of Heavy Metals, Volesky, B (ed.), CRC Press Inc., Florida, pp. 7 – 43.
- Watanabe, T. and Ogawa, K. (1929) Activated carbon for purifying copper electrolytes - collected lectures. Chem. Abst., 24:1037.
- Weng, C.H., and Huang, C.P. (1994) Treatment of metal industrial wastewater by fly ash and cement fixation. J. Environ. Eng., Div. ASCE, 120(6):1470.