















## References

1. Kortenkamp A., Casadevall M., Faux S.P., Jenner A., Shyer A., Shayer R.O.J., Woodbridge N. and Brien O.P., Archives Biochem. Biophys., 1996;329:99-208.
2. Atkinson B. W., Bux F. and Kasan H.C., Considerations for application of biosorption technology to remediate metal-contaminated industrial effluents Water SA, 1998;24(2):129-134.
3. L. de Oliveria Franco, R. de Cussia C. Maia, A.L.F. Porto, A. Sacconi Messias, K. Fukushima and G.M. de Campos-Takaki, Heavy metal biosorption by chitin and chitosan isolated from *cunninghamella elegans* (IFM 46109) Brazilian J. Microbiol., 2004;35(3):243-247.
4. Adesola Babarinde N. A., Oxebamiji Babalola J. and Adebowale sanni R.. "Biosorption of lead ions From aqueous solution by maize leaf". International Journal of Physical Sciences. 2006;1(1):23 -26.
5. Hoell W.H., Separation of mixtures of heavy metals by parametric pumping woth variation of pH, 6th World ongress on Chemical Engineering, Melbourne Australia, September, 2001;455-460.
6. Hussein H., Ibrahim S.F., Kandeel K. and Moawad H., Visualization and functional analysis of a maxi-K channel (mslo) fused to green flurosent protein (GDP), Electronic J. Biotechnol.1992;2(3):140-151.
7. De Carvalho RD, Guedes KJ, Pinheiro MVB and Krambrock K. Biosorption of Copper by dried plant leaves studied by Electron Paramagnetic Resonance and Infrared Spectroscopy. Hydrometallurgy. 2001;59:407-412.
8. Kaewchai S and Prasert San P. Biosorption of Heavy Metal by thermotolerant polymer producing Bacterial cells and the Bioflocculant. Songklankarin J.Sci-Technol. 2002;24(3):421-430.
9. Horsfall M., Abia A.A.and Spiff A.I., Removal of Cu (II) and Zn (II) ions from wastewater by cassava (*Manihotwsculenta crenz*) waste biomass Afr. J.Biotechnol., 2003;2(10):360-364.
10. Li J.Y., Shukla S.S., Dorris K.L., Shukla A., Margrave J.L., Adsorption of chromium from aqueous solutions by maple sawdust. Journal of Hazardous Materials , 2003;100 (1-3), 53-56.
11. Lodi A., Solisio C., Converti A. and M. Del-Borghi, Cadmium, Zinc, Copper, Silver and chromium (III) removal from industrial wastewaters by *sphaerotilus naitans*, Bioprocess Eng., 1998;19:197-203.
12. Hatzikioseyan A, Tsezos M and Marituna F., Application of simplified rapid equilibrium models in simulating experimental break through curves from fixed bed-Biosorption reactors. Hydrometallurgy. 2001;59(2-3):395-406.
13. El-Enany AE and Issa AA. Cyanobacteria as a biosorbent of heavy metals in Sewage water. Environ. Toxical. Pharmacol., 2000;8:95-101.
14. Modak JM, Natarajan KA and saha B. Biosorption of copper and zinc using waste *Aspergillus niger* biomas. Mineral and metAllur Aical processing. 1996;300:52-57.
15. Liu HL, Chen BY, Lan YW and Cheng YC. Biosorption of Zn(II) and Cu(II) by the indigenous *Thiobacillus thiooxidans*. Chemical Engineering Journal. 2004;97:195-201.
16. Tsai W.T., Lai C.W., Hsien K.J., Adsorption kinetics of herbicide paraquat from aqueous solution onto activated bleaching earth. Chemosphere, 2004;55:829-837.
17. Vasudevan P., Padmavathy V., Dhingra S.C., Biosorption of monovalent and divalent ions on baker\_s yeast. Bioresource Technology, 2002;82:285-294.
18. Richard M., The bench sheet monograph on Activated sludge Microbiology. ISBN: 0943244277, Published by the Water Pollution control Federation, 1991:30-33.