Investigation of physiological responses of Procambarus clarkii and some enzyme activities to selected heavy metals

Mean enzyme activities of Aspartate Transaminase (ALT), Aka Alanine Transaminase (AST) and alkaline phosphatases of the digestive gland of freshwater Procambarus clarkia were subjected to different sublethal concentrations of lead, mercury and cadmium were measured.

Mosquitocidal potential of Chysophylum africanum seed extracts against human vector mosquitoes Anopheles stephensi (Liston) (Diptera: Culicidae)

Larvicidal activity of Chysophylum africanum seed extracts was evaluated against An. stephensi. Fourth instar larvae were exposed to...
A mathematical model, validated on experimental data aiming at describing and predicting soil bacteria growth on an essential limited substrate in batch pure cultures is proposed as an extension of the Monod’s one in revisiting the way where the optical density is modelled. This model takes into account viable cell growth, substrate consumption, cell mortality, non-vi ...
Mankind at all times of its existence has been related to water and is consumer, considering it a resource for its comfort. Water is a living substance that has developed certain properties according to nature’s assignments. Its main function is mediation in all earthly affairs. Passing through the soil and biota, it undergoes many transformations and goes into the at ...