Research Article

**Arsenic Pollution Measured with an online Monitoring System using Daphnia**

Published On: May 12, 2017 | Pages: 027 - 034

Author(s): Donat-P Häder* and Gilmar S Erzinger

Arsenic is a common pollutant in many water reservoirs around the world and is the cause of human mortality in many countries. The microcrustacean Daphnia can be cultured easily and is sensitive to many toxic substances including As. ...

[Abstract View] [Full Article View] [DOI: 10.17352/ojeb.000005]

Review Article

**The Role of Microorganisms in Bioremediation- A Review**

Published On: November 10, 2017 | Pages: 038 - 046

Author(s): Endeshaw Abatenh*, Birhanu Gizaw, Zerihun Tsegaye and Misganaw Wassie

Bioremediation is a biological mechanism of recycling wastes in to another form that can used and reused by other organisms. Nowadays, the world is facing the problem of different environmental pollution. Microorganisms are essential for a key alternative solution to overcome challenges. ...

[Abstract View] [Full Article View] [DOI: 10.17352/ojeb.000007]

Review Article

**Metal (Loid)s in Farmland Soils and Strategies to Reduce Bioavailability**

Published On: April 18, 2017 | Pages: 009 - 024

Author(s): Fayiga AO*, Nwoke OC,

High concentrations of heavy metal (loid)s (HMs) in farmland soils reduces crop yield and contaminates the food chain.
Exposure to HMs in the diet results in several adverse health effects such as cancer, reproductive health problems and cardiovascular diseases.

Antioxidants are the molecules that reduce the chance of ageing by diminishing or maintaining the level of oxidants with or without free radical activity. Therefore, to many people, “antioxidants” and “anti-aging” go hand-in-hand.

It remains very little until the complete destruction of the Earth. Man, like an unreasonable child, without knowing danger, destroys his cradle. Every living creature, every blade of grass on the planet has its purpose.