2022 | Volume Volume - 5 - Issue Issue - 1

In this issue

Research Article

Open Access Research Article PTZAID:OJBB-5-111

Bioinformatic analysis of metal transportomes from Mycobacteria Sp.

Published On: September 07, 2021 | Pages: 014 - 022

Author(s): Shanti Kumari Lunavat, Jai Satya Gowri Gogada, Surya Satyanarayana Singh and Raghu Gogada*

Mycobacterium is immovable induce aerobic, acid-fast gram-positive bacilli with high genomic content (59-66%). In the operon structure frequently establish for the genes of three molecular components: the ABC-binding protein, the membrane protein, and the substrate-binding protein, the rates of multidrug resistant and metal ions. The main objective of this study was t ...

Abstract View Full Article View DOI: 10.17352/ojbb.000011

Open Access Research Article PTZAID:OJBB-5-109

Quantitative Structure-Activity Relationship (QSAR) study of a series of 2-thioarylalkyl benzimidazole derivatives by The Density Functional Theory (DFT)

Published On: June 28, 2021 | Pages: 001 - 007

Author(s): Digré Ekozias Béké, Mawa Koné* and Fatogoma Diarrasouba

In this work, we used the quantum density theory (DFT), B3LYP / 6-311G (d, p) to establish a QSAR (Quantitative Structure Activity Relationships) model on a series of molecules derived from 2-thioarylalkyl-1H -Benzimidazole. This model is built with molecular descriptors and anthelmintic activities against the haemonchus contortus. The statistical indicators of this m ...

Abstract View Full Article View DOI: 10.17352/ojbb.000009

Review Article

Open Access Review Article PTZAID:OJBB-5-110

Soil Colloids, Types and their Properties: A review

Published On: August 11, 2021 | Pages: 008 - 113

Author(s): Beamlaku Alemayehu* and Habtemariam Teshome

The colloidal complex of soils is the fine and supreme functional section of the organic and inorganic soil particles where most of the chemical properties take place. The inorganic or clay colloidal complex of soils occurs as too fine particles and organic colloidal complex happen in the form of humus particles. Soil colloidal fraction is the site of important proces ...

Abstract View | Full Article View | DOI: 10.17352/ojbb.000010