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Research Article

Open Access Research Article PTZAID:ALO-1-103

The Use of Foot of the Green-Lipped Mussel is Perna Viridis as an Alternative Method to Reduce the Gender Effect on the Bioaccumulation of Cu and Zn in the Mussel

Published On: December 30, 2016 | Pages: 022 - 025

Author(s): Chee Kong Yap*, Yew Jeng Eugene Ng, Franklin Berandah Edward Thomas, Wan Hee Cheng and Ghim Hock Ong

In this study, the green-lipped mussels Perna viridis were collected from a high activity sampling at Senibong in the Straits of Johore and two relatively clean sites with fish aquacultural activity at Bagan Tiang (Perak) and Sg. Semerak (Kelantan). The mussels were dissected by gender into byssus, crystalline style, foot, gill, gonad, mantle and muscle. ...

Abstract View Full Article View DOI: 10.17352/alo.000003

Open Access Research Article PTZAID:ALO-1-102

Simulating Solitary Wave Generation Using Incompressible SPH

Published On: December 15, 2016 | Pages: 013 - 021

Author(s): Asghar Farhadi*

The current study examines the generation and propagation of a Third order solitary water wave along the channel. Surface displacement and wave profile prediction challenges are interesting subjects in the field of marine engineering and many researchers have tried to investigate these parameters. ...

Abstract View Full Article View DOI: 10.17352/alo.000002

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Acquiring Satellitar Data and Post-Processing Digital Model to Analyze Geophysic Morphology of (Submerged) Landscape - Virtual Geomorphological Model of a Submerged Canyon off Southeast Sicily

Published On: May 10, 2016 | Pages: 001 - 012

Author(s): Giuseppe Avola*

The central area of the Mediterranean Sea is characterized by the bathymetric conformation of its seabed and especially for having been subjected, like other waters in the world, to transformations dependent on the change in sea level that caused the submergence at different stages and during the glacial and post-glacial periods, the emergence. ...

Abstract View | Full Article View | DOI: 10.17352/alo.000001