Decadal Variation of Dissolved Oxygen in the Lower Gangetic Delta Water

Author(s): Abhijit Mitra*, Subrata Trivedi, Sangita Agarwal, Sujoy Biswas, Prosenjit Pramanick and Sufia Zaman

We analyzed the Dissolved Oxygen (DO) level in the surface water off Namkhana, a sampling station in the lower Gangetic delta region. Our three decade analysis in three different seasons (premonsoon, monsoon and postmonsoon) exhibits a decrease in the DO value with the passage of time. Based on the DO value we carried out a preliminary Water Quality Index (WQI) analysis ...

Pre-Scaling Up of Solar Tent Fish Drier in Northern and North Western Part of Lake Tana, Ethiopia

Author(s): Erkie Asmare*, Dereje Tewabe, Birhan Mohamed and Beniyam Hailu

Solar tent fish drier (STFD) reduce post-harvest losses, thereby ensuring continuous availability of cheap animal protein. This study aimed to: (1) minimize post harvest losses by improving the shelf life dried fish; (2) enhance technology multiplication and dissemination system; (3) create clear insight about the technology implementation. This study was carried out ...

The Efficacy of Clove Seed Extracts as an Anaesthetic Agent and Its Effect on Haematological Parameters of African Catfish (Clarias Gariepinus)
Background and Aim: The intensive nature of aquaculture has subjected fish to a number of stressors in the culture medium, anesthetics are widely used to minimize the issue of stress during farming operations and activities. Clove oil is a well known, established and acceptable anesthetics commonly used in aquaculture, this anesthetics is not readily available in deve ...

Abstract View | Full Article View | DOI: 10.17352/2455-8400.000008

Agar-based Biocomposites slow down Progression in the Reproductive Cycle Facilitating Synchronization of the Gonads of Reared Specimens of Paracentrotus lividus

Published On: October 14, 2015 | Pages: 035 - 041

Author(s): Adele Fabbrocini, Maria Grazia Volpe, Elena Coccia, Raffaele D'Adamo and Marina Paolucci*

Background: Biopolymers have many fields of application. In Echiniculture they are usually employed to bind trial diets, although a systematic study on the performances of biopolymers as feed binders is lacking. ...

Abstract View | Full Article View | DOI: 10.17352/2455-8400.000007

Analysis on the Molecular Biologic Characteristics and Expression of Lysozyme C Separated from Oplegnathus fasciatus

Published On: August 05, 2015 | Pages: 030 - 034

Author(s): Dong-Hee Jo, Dae-Won Park, Cheul Min An, Bo-Hye Nam, Ji-Min Jeong, Ju-Won Kim and Chan-il Park*

Background and Aim: lysozyme has been known as a significant component of the innate immune system of fish. It is reported that the g-type and c-type lysozymes have been identified in fish. Oplegnathus fasciatus is one of the economically important cultured species, generating higher market value and demands in Korea. Contrary to the heavy consumption of O. fasciatus, ...

Abstract View | Full Article View | DOI: 10.17352/2455-8400.000006