Phytochemicals screening, cytotoxicity and antioxidant activity of the Origanum majorana growing in Casablanca, Morocco

Published On: November 26, 2020 | Pages: 053 - 059

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Origanum majorana is a plant from the Lamiaceae family. It is a medicinal plant used in traditional medicine in Morocco to treat various diseases. This work aims to determine the phytochemical composition of Marjoram, as well as to evaluate its cytotoxic effect on the cells of healthy subjects. All parts of the plant (roots, leaves, stems, etc.) were subjected to sele ...
Phytochemical screening and antimicrobial activity of crude extract of Tithonia diversifolia

Published On: June 15, 2020 | Pages: 028 - 033

Author(s): Oloo Merciline and Menge Dominic*

Tithonia diversifolia is a tropical woody herb or succulent shrub cultivated in many countries; it’s an annual or perennial medicinal plant that has been a subject of research due to its various benefits in the treatment of different kinds of ailments. ...

Proximate analysis, phtochemical screening and antioxidant activity of different strains of ganoderma lucidum (Reishi Mushroom)

Published On: June 11, 2020 | Pages: 024 - 027

Author(s): Mohammad Azizur Rahman*, Abdullah Al Masud, Nilufar Yasmin Lira, Salman Shakil

In this study, proximate analysis, phytochemical screening and antioxidant activity of two strains of medicinal mushroom Ganoderma lucidum (arbitrarily named strain 5 and 7) and their mix, cultivated in Bangladesh National Mushroom Development Institute, have been determined. The mix was used to determine whether it contains higher nutritive value than strain 5 and 7 ...

Identification of genetic differences between two species of morphologically identical Metapenaeus Genus from different environmental locations (Khaur Abdullah & Shatt Al- Arab) Southern of Iraq using (RFLP & RAPD) PCR molecular markers

Published On: March 20, 2020 | Pages: 015 - 021

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Metapenaeus affinis a species from Metapenaeus genera of Penaeidae shrimps in khaur Abdullah (salty water southern of Iraq), morphologically closely related organism with suspected member in Shatt al-Arab(freshwater)also southern of Iraq. Genetic Characterization for them was study to determine the genetically differences by using (RFLP & RAPD)/PCR
Pineapple juice preservation by pulsed electric field treatment

Published On: February 27, 2020 | Pages: 006 - 012

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The effect of pulsed electric field (PEF) treatment on pineapple juice, applied in a batch system, was studied in terms of change in microbial community, bioactive compounds, and antioxidant capacity. Among the bioactive compounds, total phenolic content (TPC), flavonoid, ascorbic acid, and -carotene content were evaluated. The results were monitored over a 10 days o ...

 Ichneumonidae (Hymenoptera) as parasitoid of Diptera Muscomorpha in Brazil

Published On: January 30, 2020 | Pages: 001 - 003

Author(s): Carlos Henrique Marchiori*

The flies included in the infra-order Muscomorpha have medical and veterinary importance, since they may produce myiasis and act in carrying pathogens to man and animals. They have been found to carry more than 100 species of disease-causing organisms such as bacteria, protozoa and helminths. Parasitoids are responsible for reducing the populations of flies that proli ...

Pathogenesis, immune response and laboratory diagnosis of severe acute respiratory syndrome associated Coronavirus 2
The pandemic unleashed by Severe Acute Respiratory Syndrome Associated Coronavirus 2 (SARS-CoV-2) has crippled the social, health and economic affairs of the world. This is the third stint with a highly contagious virus being introduced into the human population after the Severe Acute Respiratory Syndrome Associated Coronavirus (SARS-CoV) and Middle Eastern Respirator ...

Fisher, Haldane and Wright would be proud owing to population genetics has become in a defiant study area in the genetics researches

Population genetics is one of the most dynamic areas of investigation within biological sciences. Moreover, this discipline offers a challenge, which is not encountered in most others biological sciences because its main challenge is theoretical rather than experimental [1]. However, its theoretical development come up from analysis of empirical data although in some ...
Definition of Diptera Cyclorrhapha or Muscomorpha

Published On: March 13, 2020 | Pages: 013 - 014

Author(s): Carlos Henrique Marchiori*

Some species of dipterous included in the infraorder Muscomorpha are of fundamental medical and veterinary importance, since they can produce myiasis and act towards transmission of pathogens to humans and animals. These dipterans are potential mechanical vectors for etiological agents such as viruses, bacteria, protozoan cysts and helminth eggs. This study aimed to m ...
The communication between the digestive tract and the brain is an important aspect to the regulation and maintenance of its functionality. This communication is made by a network of signals that the brain sends to the gastrointestinal tract and vice-versa through the gut-brain axis. These signals can be direct or indirect, direct is a signal sent by the pathogen to th ...