

CONTENTS

Original Articles

- 347 - 353 Isolation of the *Azospirillum* Species from the Rhizosphere of the Leguminous *Bauhinia petersiana* in North Eastern Namibia
Daniel H Haiyambo and Percy M Chimwamurombe
- 355 - 360 Phytoremediation Potential of *Chromolaena odorata* (L.) King and Robinson (Asteraceae) and *Sida acuta* Burm. f. (Malvaceae) Grown in lead-Polluted Soils
Ojo M.Oseni , Omotola E.Dada , Gideon O.Okunlola and Abdulwakeel A. Ajao
- 361 - 368 The Correlation between Plasmid and Metal and Multi-Drug Resistance in Bacteria from Streams Impacted by Husbandry and Wastewaters in Akure, Nigeria
Olubukola O. Olusola-Makinde , Daniel J. Arotupin, Fatusa C. Adetuyi and Dare Akinfolarin
- 369 - 374 Correlations of Serum Chemerin and Visfatin with other Biochemical Parameters in Iraqi Individuals with Metabolic Syndrome and Type Two Diabetes Mellitus
Namir I. A. Haddad , Essam Nori and Suzan A. Hamza
- 375 - 380 Growth, Maturity and Form Factor of Mola Carplet (*Amblypharyngodon mola*) from the Ganges River, Northwestern Bangladesh
Fairuz Nawer , Md. Yeamin Hossain , Md. Golam Sarwar , Obaidur Rahman , Dalia Khatun , Most Farida Parvin ,Saleha Jasmine , Zoarder Faruque Ahmed , Ferdous Ahamed and Jun Ohtomi
- 381 - 387 Treatment of Aspirin and CCl₄-Induced Hepatic Damage in Rats by the Aqueous Extracts of some Local Plants Collected from Gombe State in Nigeria
Sani S. Usman , Abdullahi A. Hamza1, Umar S. Abdussalam, Mustapha G. Muhammad , Sani S. Baba and Nabil A. Bashir
- 389 - 393 Localities of Flower Chafers (Coleoptera: Scarabaeidae: Cetoniinae) in the Palestinian Territories (West Bank)
Elias N. Handal and Zuhair S. Amr
- 395 - 399 Alterations in the Serum Electrolytes of the Indian Skipper Frog *Euphlyctis cyanophlyctis* caused by an Organophosphate Pesticide: Chlorpyrifos
Ajai K. Srivastav , Shilpi Srivastav, Sunil K. Srivastav and Nobuo Suzuki
- 401 - 405 Mycosynthesis of Silver Nanoparticles using *Terminia* sp. Desert Truffle, Pezizaceae, and their Antibacterial Activity
Mustafa N. Owaid , Rasim F. Muslim , and Hatem A. Hamad
- 407 - 418 Vegetation Analysis and Species Distribution in the Lower Tributaries of Wadi Qena in the Eastern Desert of Egypt
Fawzy M. Salama , Monier M. Abd El-Ghani , Noha A. El-Tayeh, Hanaa K. Galal and Sara El-Naggar
- 419 - 426 The Prospects of the Cultivation of *Arthrospira platensis* under Outdoor Conditions in Malaysia
Puganeswary Sukumaran , Hishamuddin Bin Omar , Rosimah Binti Nulit , Normala Binti Halimoon , Sanimah Bte Simoh and Ahmad Bin Ismail
- 427 – 434 A Comparative Study of Fish Assemblage and Diversity Indices in two Different Aquatic Habitats in Bangladesh: Lakhanda Wetland and Atari River
Md. Abu Sayed Jewel , Md. Ayenuddin Haque, Reshma Khatun and Md. Shahinur Rahman
- 435 - 439 Development and Validation of Conventional PCR for the Detection of the sctQ Gene
AbdelRahman M. Zueter and Azian Binti Harun
- 441 - 449 Phytochemical Constituents and *in vitro* Antioxidant and Cytotoxic Activities of Different Extracts from the Aerial Parts of *Heliotropium hirsutissimum* GRAUER
Semih Uzunhan and Tülay Aşkan Çelik

- 451 - 459 *Bacillus atrophaeus A7 Crude Chitinase: Characterization and Potential Role against Drosophila melanogaster Larvae*
Ateya A. Al-qwabah, Muhamad O. Al-limoun, Ahmed H. Al-Mustafa and Wael A. Al-Zereini
- 461 - 467 *Bisphenol-A Hepatotoxicity and the Protective Role of Sesame Oil in Male Mice*
Osama H. Elhamalawy , Fawzy I. Eissa , Aida I. El Makawy and Mahmoud M. EL-Bamby
-

Short Communication

- 469 - 473 *A Comparative Analysis of the Suppressor Activity of Tobacco mosaic virus Proteins in the Tomato Plant*
Ahmed Abdelkhalek and Neeti Sanan-Mishra