

CONTENTS

Review

- 1 - 10 Influencing the Contents of Secondary Metabolites in Spice and Medicinal Plants by Deliberately Applying Drought Stress during their Cultivation
Ahmad Al-Gabbiesh, Maik Kleinwächter and Dirk Selmar

Original Articles

- 11 - 15 The Association between Anti-Oxidant/Redox Status and Sister Chromatid Exchanges in Down Syndrome Individuals
May F. Sadiq, Abdelrahim A. Hunaiti, Almuthanna K. Alkaraki and Ruba A. Alfassed
- 17 - 21 Immunodominant Semen Proteins III: IgG₁ and IgG₄ Linkage in Female Immune Infertility
Andrea Brazdova, Helene Senechal, Gabriel Peltre, Jarmila Zidkova, Zdenka Ulcova-Galova, Srinivas Kaveri and Pascal Poncet
- 23 - 30 Application of Fermentation Technology to Use Slaughterhouse Blood as Potential Protein Supplement in Fish Feed
Ayan Samaddar and Anilava Kaviraj
- 31 - 36 Mangrove Health Card: A Case Study on Indian Sundarbans
Abhijit Mitra, Prosenjit Pramanick, Shankhadeep Chakraborty, Pardis Fazli and Sufia Zaman
- 37 - 43 A specific Haplotype Framework Surrounds the Omani Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) mutation S549R
Uwe W Fass, Majid Al Salmani, Ganji Shivalingam, Kalleth Hebbha, Catherine Norrish, Fiona Clark, Thomas A Heming and Saleh Al Khusaibi
- 45 - 50 An Evaluation of the Nutrients and Some Anti-nutrients in Silkworm, *Bombyxmori* L. (Bombycidae: Lepidoptera)
Olumuyiwa T. Omotoso
- 51 - 54 The Effect of Simulated Acid Rain on Plant Growth Component of Cowpea (*Vigna unguiculata*) L. Walps
Bridget O. Odiyi and Adekunle O. Eniola
- 55 - 59 The Influence of Iron Oxide Nanoparticles on the Red Blood Cells Photohemolysis Sensitized with Photofrin: Temperature Effect
Mohammad-Ali H. Al-Akhras and Duaa J. Al-Khalili
- 61-64 Evaluating the Genetic Relatedness within *Lupinus pilosus* L. Species Based on RAPD Analysis
Ibrahim M. AlRawashdeh and Nasab Q. AlRawashdeh
- 65 - 70 A Comparison between the Anti-microbial Activity of Native Propolis and the Anti-microbial Activity of Imported Ones against Different Health Microbes
Amal A. Al-Abbadi, Ihab H. Ghabeish, Mazen A. Ateyyat, Azmi D. Hawari and Salah-Eddin A. Araj

Case Report

- 71 - 72 Presumptive Secondary Ethylene Glycol (Antifreeze) Toxicity in a Turkey Vulture (A Case Report)
Wael M. Hananeh and Rudy Bauer