**CONTENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | **Nutritive evaluation of some tropical under-utilized grain legume seeds for ruminant’s nutrition.** Festus Tope Ajayi, Sikirat Remi Akande, Joseph Oluwafemi Odejide and Babajide Idowu |  | **1-7** |
| **2** | **Application of Elovic and Bhattacharya/Venkobacharya Models to Kinetics of Herbicide Sorption by Poultry Based Adsorbent: A GCMS External Standard Approach** Itodo Adams Udoji, FunkeWosilat Abdulrahman, Lawal Gusau Hassan, S.A.Maigandi, Happiness Ugbede Itodo |  | **8-18** |
| **3** | **GC/MS Batch Equilibrium study and Adsorption Isotherms of Atrazine Sorption by Activated H3PO4 - Treated Biomass.** Itodo Adams Udoji,Funke Wosilat Abdulrahman,Lawal Gusau Hassan,S.A.Maigandi,Happiness Ugbede Itodo |  | **19-29** |
| **4** | **An Assessment of Fluid Inclusions Composition Using the Raman Spectroscopy at Daleishan Goldfield*,* Dawu County, Hubei Province, P.R. China.** Diarra Karim, Hanlie Hong |  | **30-37** |
| **5** | **Early-age compressive strength assessment of oil well class G cement due to borehole pressure and temperature changes** Mojtaba Labibzadeh , Behzad Zahabizadeh , Amin Khajehdezfuly |  | **38-47** |
| **6** | **Influence of Oil Well Drilling Waste on the Engineering Characteristics of Clay Bricks** Medhat S. El-Mahllawy and Tarek A. Osman |  | **48-54** |
| **7** | **Mass Multiplication of *Celastrus paniculatus* Willd - An Important Medicinal Plant Under *In Vitro* Conditions using Nodal Segments** Devi Lal and Narender Singh |  | **55-61** |
| **8** | **Fatigue Analysis of Hydraulic Pump Gears of JD 955 Harvester Combine Through Finite Element Method** Hassan seyed Hassani , Ali Jafari , Seyed Saed Mohtasebi and Ali Mohammad Setayesh |  | **62-67** |
| **9** | **Subsurface Geophysical Estimation of Sand Volume in Ogudu Sandfilled area of Lagos, Lagos, Nigeria.** Adeoti Lukumon , Oyedele K. Festus and Adegbola R. Bolaji |  | **68-77** |
| **10** | **Cell surface hydrophobicity (CSH) of *Escherichia coli*, *Staphylococcus aureus* and *Aspergillus niger* and the biodegradation of Diethyl Phthalate (DEP) via Microcalorimetry**. Alhaji Brima Gogra, Jun Yao, Edward H. Sandy, ShiXue Zheng , Gyula Zaray, Zheng Hui |  | **68-88** |
| **11** | **Effect of planting dates and different levels of potassium fertilizer on growth, yield and chemical composition of sweet fennel cultivars under newly reclaimed sandy soil conditions** Abou El-Magd, M. M. Zaki, M. F. and Camilia Y. Eldewiny |  | **89-105** |
| **12** | **An Expertise Recommender System for Web Cooperative Production** Muhammad Aslam, Ana Maria Martinez Enriquez, Muhammad Tariq Pervez, Zakia Saeed |  | **106-112** |
| **13** | **Impact Of Emission Uniformity On Nutrients Uptake And Water And Fertilizers Use Efficiency By Drip Irrigated 15 Years Old Washington Novel Orange Trees Grown On A Newly Reclaimed Sandy Area.** EL-Hady O.A., S.M.Shaaban and A.A.M., Mohamedin |  | **113-119** |
| **14** | **Physiological Responses of Fennel (*Foeniculum Vulgare* Mill) Plants to Some Growth Substances. The Effect of Certain Amino Acids and a Pyrimidine Derivative** M. E. El-Awadi and Esmat A. Hassan |  | **120-125** |
| **15** | **Vegetative Growth and Chemical Constituents of Croton Plants as Affected by Foliar Application of Benzyl adenine and Gibberellic Acid** Soad, M.M. Ibrahim, Lobna, S. Taha and M.M. Farahat |  | **126-130** |
| **16** | **Ability of Immobilized Starter Cells and Metabolites to Suppress the Growth Rate and Aflatoxins Production by *Aspergillus flavus* in Butter** Kawther El-Shafei; Eman M. Hegazy and Zeinab I. Sadek |  | **131-138** |
| **17** | **Development of Doubled Haploid Wheat Genotypes Using Chromosome Eliminating Technique and Assessment under Salt Stress** A. Y. Amin and G. Safwat and G., El-Emary |  | **139-148** |
| **18** | **A New Method for Fabrication and Laser Treatment of Nano-Composites** Hebatalrahman. A |  | **149-154** |
| **19** | **Optimized Conditions for Increasing *Escherichia coli* Resistance to p- Hydroxybenzoic Acid** Mohamed M. Aboulwafa, Ramadan A. El Domany, Riham M. Shawky and Shima |  | **155-169** |
| **20** | **Immunomodulation of Hepatic Morbidity in Murine *Schistosomiasis mansoni* Using Fatty Acid Binding Protein** Ibrahim Rabia; Eman El-Ahwany; Wafaa El-Komy and Faten Nagy |  | **170-176** |
| **21** | **Fault Determination Using One Dimensional Wavelet Analysis** S. Morris Cooper, Liu Tianyou, Innocent Ndoh Mbue |  | **177-182** |
| **22** | **The Empirical Mode Decomposition (EMD), a new tool for Potential Field Separation** S. Morris Cooper, Liu Tianyou, Innocent Ndoh Mbue |  | **183-187** |
| **23** | **Remote Sensing Data Dissemination and Management: Potential of Replication and Provenance Techniques** Tauqir Ahmad , Abad Ali Shah |  | **188-198** |
| **24** | **Potential field Investigation of the Liberia Basin, West Africa** S. Morris Cooper |  | **199-207** |
| **25** | **Joint magnetic and seismic interpretation; Determining Depth and Orientation of Volcanic Rock in the Qikou Depression, China** S. Morris Cooper, Liu Tianyou |  | **208-212** |
| **26** | **Non-insect benthic phytomacrofauna and organism-water quality relations in a tropical coastal Ecosystem: impact of land based pollutants.** C.A. Edokpayi, R.E.Uwadiae and C. E.Njar (In memoriam) |  | **213-220** |
| **27** | **Rare Plants Protection Importance and Implementation of Measures to Avoid, Minimize or Mitigate Impacts on their Survival in Longhushan Nature Reserve, Guangxi Autonomous Region, China.** Dado Toure, J. Ellis Burnet, Zhou Jianwei |  | **221-238** |
| **28** | **Biomimetic Synthesis Of Guided-Tissue Regeneration Hydroxyapatite/Polyvinl Alcohol Nanocomposite Scaffolds: Influence Of Alignate On Mechanical And Biological Properties.** E. Tolba, B. M. Abd-Elhady, B. Elkholy, H.Elkady,M. Eltonsi |  | **239-249** |
| **29** | **Chlorpyrifos (from different sources): Effect on Testicular Biochemistry of Male Albino Rats.** Afaf, A. El-Kashoury and Hanan, A. Tag El-Din |  | **252-261** |
| **30** | **Issues In Interacting With GIS In Hydrocarbon Exploration Industry** Muhammad Shaheen , Muhammad Shahbaz , Zahoor ur Rehman , M. Sarshar Aurangzeb |  | **262-271** |
| **31** | **Surgical Site Infections and Associated Risk Factors in Egyptian Orthopedic Patients** Khaleid M. Abdel-Haleim, Zeinab Abdel-Khalek Ibraheim, Eman M. El-Tahlawy |  | **272-280** |
| **32** | **A Hybrid Approach for Minimizing Spurious Trips in Hard Real-Time Systems** Mahmood Ahmed, Dr. Muhammad Shoaib. |  | **281-286** |
| **33** | **Key factors for implementing the lean manufacturing system** Mohammad Taleghani |  | **287-291** |
| **34** | **Mutageneic effects of *Kochia indica* extract on *Vicia faba* L.** Soliman A. Haroun |  | **292-297** |
| **35** | **Thermodynamic parameters of zinc sorption in some calcareous soils** F. Dandanmozd and A.R. Hosseinpur |  | **298-304** |
| **36** | **Assessment Lake Nasser Egypt Within The Climatic Change** Elsayed Ahmed El Gammal |  | **305-312** |
| **37** | **Application of native excretory /secretory products from third larval instar of *Chrysomya megacephala* (Diptera:Calliphoridae) on an artificial wound** Nancy Taha, Afaf Abdel‐Meguid, Ahmed El‐ebiarie |  | **313-317** |
| **38** | **Effect of Geometric Configuration of Quadratic Folded Plate Roofing Systems on Their Static and Dynamic Behavior.** H. Elkady and A. Hasan |  | **318-326** |
| **39** | **Adsorption of (152+154)Eu from Radioactive Waste Solution Using Modified Clay Polymer** M. Abdel Geleel, M.S. Sayed, and H.A. Omar |  | **327-333** |
| **40** | **Immobilization of Liquid Radioactive Wastes by Hardened Blended Cement - White Sand Pastes** M.S. Sayedand Magdy M. Khattab |  | **334-341** |
| **41** | **A Novel 3D Reconstruction Approach Based on Camera Perspectives** Muhammad Abuzar Fahiem and Abad Shah |  | **342-352** |
| **42** | **Anti-inflammatory, Analgesic and Antiparkinsonism Activities of Some Novel Pyridazine Derivatives** Naif O. Al-Harbi, Saleh A. Bahashwan |  | **353-357** |
| **43** | **Numerical Simulation of the Mass Flow of Leachate in a Municipal Solid Waste Fill (Part 2) - Vertical Flow Systems** Olayiwola Ademola Gbolahan Oni |  | **358-366** |
|  |  |  |  |
| **Correction: pages 250-251 skip mistakenly** | | | |