**CONTENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | **Phosphorus Reduces the Virulence of *Alectra vogelii*(Benth) on Groundnut (*Arachis hypogaea*L.)**Yohanna Mamma Kwaga  |  | **1-7** |
| **2** | **Studies Of Heat Resistant Fungi In The Soil:*Talaromyces flavus*IsolatedInNigerianSoils**  N.J.Amaeze  J.O.Ugwuanyi and J.A.N.Obeta |  | **8-14** |
| **3** | **Re-visiting Secondary School Science Teachers Motivation Strategies to face the Challenges in the 21st Century**Jacobson Barineka Nbina, Ph.D |  | **15-20** |
| **4** | **Nitrogen, Phosphorus and Potassium nutrition of Sesame (*Sesamum indicum*) in Mubi, Nigeria.**Shehu, H. E., J. D. Kwari and M. K. Sandabe |  | **21-27** |
| **5** | **Ethno-medicinal Plants of the Garhwal Himalaya Used to Cure Various Diseases: A Case Study** L.R Dangwal, Antima Sharma, C.S Rana |  | **28-31** |
| **6** | **Cyanobacterial remediation of industrial effluents**I. Tannery effluents  |  | **32-36** |
| **7** | **Cyanobacterial remediation of industrial effluents****II. Paper mill effluents** Sonil Nanda , Prakash Kumar Sarangi , Jayanthi Abraham  |  | **37-41** |
| **8** | **Chromatograph interfaced to a Mass SpectrometerAnalysis of *Cinnamomum verum***Hema R., S. Kumaravel and T. Devi Martina  |  | **42-45** |
| **9** | **Mineral Analysis of Pleurotus tuberregium (Sing) Grown on Different Substrates** Onuoha C.I.  and Obi-Adumanya G.A.  |  | **46-50** |
| **10** | **Phytochemical Screening on the Seeds of *Treculia africana* and*Artocarpus atilis*** Mbagwu, F. N, Unamba, C. I. N and Nwosu, I. C  |  | **51-55** |
| **11** | **Studies on the effect of Selenium and organic residues on Chamomile (*Matricaria  chamomilla L*.) plants**Azza, A.M. Mazher , Sahar, M. Zaghloul and Yassen, A.A  |  | **56-63** |
| **12** | **Micro Propagation of *Phoenix dactylifera* L. var karama**Gabr, Mahdia,F. and Abd-Alla,M.M. |  | **64-69** |
| **13** |  **Genetic stability on *Phoenix dactylifera* var. Karama produced *in vitro***Mohamed Mohamed Abd-Alla |  | **70-75** |
| **14** | **Three – State Markov Chain Approach On the Behavior Of Rainfall** Vivek Kumar Garg and Jai Bhagwan Singh |  | **76-81** |
| **15** | **Forest Stand Structure of Shiwalik region of Nainital district along an Altitudinal Gradient in Indian Central Himalaya**C. S. Bohra, L. S. Lodhiyal & Neelu Lodhiyal  |  | **82-90** |
| **16** | **Phytochemical Analysis and Antimicrobial Activity of*Punica granatum* L. (fruit bark and leaves)** Egharevba, Henry Omoregie; Kunle, Oluyemisi, Folashade; Iliya, Ibrahim; Orji Peace Nkiruka;  Abdullahi, Makailu Sabo;Okwute, Simon Koma; Okogun, Joseph Ibumeh  |  | **91-98** |
| **17** | **Gas Chromatography – Mass Spectroscopic analysis of *Lawsonia inermis*Leaves**Hema R., S. Kumaravel, and S. Gomathi  |  | **99-101** |
| **18** | **Effects Of Different Cement Factory Sections Products On Immunoglobulin Levels And Some Biochemical Parameters In Nigeria Cement Factory Workers.**Ogunbileje J.O, Akinosun O.M, Anetor J.I, Akinduti P.A, Ejilude O, Nwobi N.L and Akinbo J.A  |  | **102-106** |
| **19** | **Periodic Discharge of Eggs of *Aascaridia galli* in Faeces of Experimentally Infected Native Domestic Fowls (*Gallus gallus domesticus*)** J.N.N. Onyirioha Ph.D. |  | **107-108** |
| **20** | **Effect of Humic Acid Treatments on 'Canino' Apricot Growth, Yield and Fruit Quality** Fathy, M. A.; M. A. Gabr and S. A. El Shall  |  | **109-115** |
| **21** | **Study Of Il1b, Il4, Il5 And Ige Before And After Mirazid Therapy In Children With Intestinal Schistosomiasis And Fascioliasis**Elham Ragab Abdul-Samie, Othman El Sayed Soliman, Hosam El-Nemr and Ahmed Masoud  |  | **116-122** |
| **22** | **Multidrug Resistance-1 Gene Expression and Its Relation to Apoptosis in Acute Leukemia Patients**Manal I. Fouda, Raida S. Yahya, Yehia M. Shaker, Camelia A. Abdel Malak, Etidal W. Jwanny, Mona S. Gouida, George E. Rasmy and Hatim A. El-Baz  |  | **123-131** |
| **23** | **Genetic Assessment of Salinity Tolerance in Red Tilapia**Mariam G. Eshak, Naglaa M Ebeed, Hoda F. Booles and Kh. Fahmy |  | **132-141** |
| **24** | **Neural Approach Modeling Scheme for the Prediction of Air Pollution (No2, So2) Resulting from Traffic Exhaust in Cairo City Down Town**Abdalla M. Elramsisi, Fareed Zaghlool , Tharwat O. S. ahanafy  and  Abdou Saad  El Din Moustafa   |  | **142-149** |
| **25** | **Prevalence of anaemia in pre -school and school aged children in Nigeria**Osazuwa F, Ehigie F |  | **150-153** |
| **26** | **Cytological   And Ultrastructural Studies On Callus Of *Fagonia Arabica***EMAN,   A. ALAM  |  | **154-157** |
| **27** | **Phytochemical screening on calli of *Fagonia indica*and *Fagonia* *bruguieri*Dc.**EMAN,  A. ALAM |  | **158-164** |
| **28** | **Exploring Optical Transition Strength of Silicon by Kramers-Kronig Tansformation**Adewole O.Olukorede, Alli G.Sulaiman  |  | **165-168** |
| **29** | **Protection by Selenium Against Adriamycin-induced Genotoxic and Biochemical Changes in Mice** A. Ezz El-Din, S. M. Girgis, S. M. Kassem And T. M. T. Shoman  |  | **169-176** |