**CONTENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | **Response of Sunflowers Cultivar Giza- 102 (*Helianthus annuus*, L) Plants to Spraying Some Antioxidants**  Al- Qubaie, A. I. |  | **1-6** |
| **2** | SEROLOGICAL EVIDENCE OF HEPATITIS B VIRUS SURFACE ANTIGEN (HBsAg) AMONG YOUNG ADULTS. James. A. Ndako, Obinna O. Nwankiti, Ezekiel B. Kwari, Bob-manuel C.Echeonwu, Adekunle M.Adekeye, John Agbontale, Joshua Gyang, Adanma R. Uzoechina , Ekaete Akwaowo, Nathaniel Olawuyi, Alice K.Dalyop |  | **7-12** |
| **3** | **EFFECT OF GENETIC DIVERSITY ON FRUIT SET IN HEVEA BRASILIENSIS.**  Aghughu, O; F A. Akpobome; E. E. Omo-Ikerodah and K. O. Omokhafe |  | **13-15** |
| **4** | ***In vitro* Study on *Fusarium solani* and *Rhizoctonia solani* Isolates Causing the Damping Off and Root Rot Diseases in Tomatoes**   Karima, H.E. Haggag and Nadia, G. El-Gamal |  | **16-25** |
| **5** | **Influence of storage time on biodeterioration, aflatoxin contamination and food values of onion (*Allium cepa* )**  Jonathan SG,Olawuyi OJ,Aina DA ,Dada HG and Oyelakin  AO |  | **26-32** |
| **6** | **Harnessing Nigeria’s Abundant Lead Ore Deposits for the Development of Lead-Acid Battery Materials**   Oji John Ogheneortega , Biliaminu Kareem |  | **33-37** |
| **7** | **Application of Geographic Information System (GIS) and Remote Sensing (RS) to estimate theavailable rainwater harvested for crop production in Kinoni watershed, Kirehe District, Rwanda**  Alphonse Nahayo Clement Ntandayera, Adrie Mukashema |  | **38-52** |
| **8** | **Potential Role of *Withania somnifera*on Human Breast Cancer**  Osman M; Wafaa A; Nadia E.; Amany A and Doaa E |  | **53-59** |
| **9** | **POLLUTION ASSESSMENT  THROUGH COMPARATIVE  HYDROBIOLOGICAL STUDIES OF POND LAXMI TALAB LOCATED AT JHANSI**  Surabhi Yadav  and T. K. Sharma |  | **60-62** |
| **10** | **Antimicrobial Activity of Orchid. Root Eastern Peninsular Flora in India.**  A.Kalaiyarasan,  S.Ahmed john, A.Edward |  | **63-67** |
| **11** | **Serological and Molecular Studies on the Diagnosis of Bovine Brucellosis**   Amin. M. M., Ahmed, S. A., Zaki, H. M and Ismail, R. I |  | **68-76** |
| **12** | **Microwave Mediated Facile Synthesis of Some Novel Pyrazole, Pyrimidine, Pyrazolo[1,5-a]pyrimidine, Triazolo[1,5-a]pyrimidine and Pyrimido[1,2-a] benzimidazole  Derivatives Under Solventless Condition**  El-Kateb, A.A. ; Abd El-Rahman, N.M.; Saleh, T.S.; Ali, M. Hassan; Elhaddad, A. S.  and El-Dosoky, A.Y. |  | **77-86** |
| **13** | **Malaria Vaccine: Hope in the Future**  Benson Otarigho |  | **87-95** |
| **14** | **Antimicrobial Resistance Pattern of Streptococci and Staphylococci Isolated from Cases Of Bovine Clinical Mastitis in Nigeria.**   Amosun Elizabeth Adesola. |  | **96-101** |
| **15** | Withdrawn |  | **102-108** |
| **16** | Withdrawn |  | **109-114** |
| **17** | Withdrawn |  | **115-122** |
| **18** | **Studies on bio-deterioration, aflatoxin contamination and food values of fermented, dried and storedipomoea batatas chips**   Jonathan SG,Abdul-Lateef MB , Olawuyi OJ and Oyelakin AO |  | **123-128** |
| **19** | **Reaction Kinetics for Nitrosation of DAF-2 in Air Saturated Nitric Oxide Solution**   Olasehinde, E. F., Ogunsuyi, H.O.,Abata,E. O.Sakugawa, H. |  | **129-136** |
| **20** | **Comparison of ELISA with traditional methods used for evaluation of blackleg and gas gangrene vaccine**  El-Helw, H.A.; Elham F El-Sergany; Taha, M.M.; Abdella, Y.A.; El-Sehemy, M. M. |  | **137-144** |
| **21** | **Comparison of PetrifilmTM and Standard Pour Plate method for the Analysis of Fruit Juices in Guyana**  Kurup, R & Persaud, L |  | **145-149** |
| **22** | **Vector abundance and Prevalence of Malaria Parasites among hostel Residential Students of Nnamdi Azikiwe University Awka, Southeastern Nigeria.**   Onyido A.E., Ikpo A.U. , Obiukwu M.O and Amadi, E.S |  | **150-155** |
| **23** | **Cephalometric evaluation of Age-dependent Craniofacial Skeleton Changes in children of 7-17 years age group: Assessment of Gender Impact**  Esam M. Mehlab and Gamal Abdel Salam |  | **156-162** |
| **24** | **Application of Geographic Information System (GIS) for mapping land use types in Musanze district, Rwanda**  Alphonse NahayoConcorde Nsengumuremyi, Isaac Ekise |  | **163-167** |
| **25** | **Seasonal Influence of Physicochemical Variables on Phytoplankton Abundance in Jebel Aulia Reservoir in Khartoum – Sudan**  Yatta S. LUKAW ; John Leju Celestino  LADU;Denis D. KENYI |  | **168-175** |
| **26** | **Microbial Oxidation of Elemental Sulphur as a Means of Increasing Sulphate Availability and Combating Alkalinity in Soils**   Chibuike, G. U., Agbim, N. N., and Asadu, C. L. A. |  | **176-181** |
| **27** | **Ultrasonographic assessment of Body Fat Distribution in Obese Children**   Soheir B Fayed, Ateyat A Ateya, Hala M Thorya and Mohamed A El Shazly |  | **182-187** |
| **28** | **Investigation** **about** **maximum rise of trajectory of 30° and 45° inclined dense jets**   Fariborz Mohammadi; Heydar Ali Kashkuli; Saied Boroomand nasab; Abd Ali Naseri; Javad Ahadian |  | **188-194** |
| **29** | **Efficiency of****Sewage treatment Plant, Hazratbal, Srinagar,Jammu and Kashmir,India.**  Uzma jan and S.K.Rafiq |  | **195-198** |
| **30** | **Exploring the Water Quality of El-Salam Canal**  Reham M. Elkorashey |  | **199-205** |
| **31** | **Bleeding study of Nano-form (PVC/DEHP-TiO2 (Composite as Coating Substance and Printing Inks on 100% Dark Polyester Fabric**  Abd El-Moniem Abd El-Moniem Mahmoud, Emad El-Deen Allam and Raafat Hassan Morsy Azzam |  | **206-211** |
| **32** | **Enhance Soil Quality and Increasing Yield of Wheat Crop Followed by Maize Crop Grown on Calcareous Soils**   Azza R. Ahmed; M. M. Abbass and M. E. EL-Fayoumy |  | **212-220** |
| **33** | **Comparative Study on Bacterial Quality of Fresh and Frozen Shrimp (*Palaemonetes* spp.) Sold in Retail Markets in Port Harcourt, Rivers State, Nigeria.**  Solomon, Leera and Ibe, Stella. Nwabuogo |  | **221-224** |
| **34** | **The Role of creatinine phosphokinase (CPK) & B-Human Chorionic Gonadotropin (BHCG) in the Early Diagnosis of Ectopic Pregnancy**   Amina AbdEfattah Mohamed, Hanaa Farouk Ahmad, Doaa Mahmoud Effat and Zeinab El-Sayed |  | **225-230** |