**CONTENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | **Effect of Duration of Starvation on Lipid Profile in Albino Rats**OKORO, Onyinyechi Ruth; OGUGUA, Vincent E. and JOSHUA, Parker Elijah |  | **1-13** |
| **2** | **Biodegradation Potential of 4-Ester Based Drilling Mud Base Fluids under Microaerophilic and Anaerobic Conditions**Okoro Chuma. Conlette  |  | **14-20** |
| **3** | **“Antioxidative Activity and Flavonoid Composition from Lepidium sativum”** Jyoti Agarwal & D.L. Verma  |  | **21-25** |
| **4** | **Improving Nitrogen Utilization Efficiency by Potato (*Solanum tuberosum*L.)****A. Influence of Nitrification Inhibitors in Combination with Different Nitrogen Sources on Reducing Nitrogen Losses, Improving Productivity and Chemical Composition** **Abd** **El-**Badea **S. Ezzat**, Adel M. Abd El-Hameed, Hamdino M.I.  Ahmed and Amal A. El-Awady  |  | **26-33** |
| **5** | **Improving Nitrogen Utilization Efficiency by Potato (*Solanum tuberosum*L.)** **B. Effect of Irrigation Intervals, Nitrogen Rates and Veterra Hydrogel on Growth, Yield, Quality and Nutrient Uptake** **Abd** **El-**Badea **S.** Ezzat, Amal A. El-Awady  and  Hamdino M.I.  Ahmed  |  | **34-41** |
| **6** | **PHYTOCHEMICAL SCREENING AND IN-VITRO ANTIBACTERIAL ASSESSMENT OF AQUEOUS LEAF EXTRACTS OF *Vernonia amygdalina* (Asteraceae) and*Ocimum* *gratissimum*(Lamiaceae)ON MOXIFLOXACIN RESISTANT *Escherichia coli* ISOLATED FROM CLINICAL AND ENVIRONMENTAL SAMPLES.**Akinjogunla, O. J., Ekoi, O. H. and Odeyemi, A.T. |  | **42-52** |
| **7** | **Effect of Extraction Solvents on Phenolic, Flavonoid and Antioxidant activities of Three Nigerian Medicinal Plants**Anokwuru, C.P., Anyasor, G.N., Ajibaye O., Fakoya O., Okebugwu P. |  | **53-61** |
| **8** | **Induction of Apoptosis, Necrosis and differentiation in hepG2 cell line (Comparison between natural and Synthetic products)** Wafaa A.Ahmed ; Farid A. Abu Bedair; Abd El Hameed O.M and Nasser E.A. |  | **62-73** |
| **9** | **Financial support of rural wome n in third world**Mehran Bozorgmanesh and  Mojtaba Sadighi  |  | **74-80** |
| **10** | **Biodegradation Potential of Paraffin and Olefin Synthetic Based Drilling Mud Base Fluids underMicroaerophilic and Anaerobic Conditions**Okoro Chuma. Conlette.  |  | **81-88** |
| **11** | **Effect of Exercise Intervention on White Blood Cell Count and Duration of Hospital Stay among Patients Undergoing Allogenic Bone Marrow Transplantation** Salwa Samir Kamel, Nahed Ahmed Mersal and Mohamed Abdel-Mooti Mohamed  |  | **89-98** |
| **12** | **Incidence of De Novo Hypertension in Patients Undergoing Living Donor Liver Transplantation and its Relation to the Type of Immunosuppression (Retrospective Study)**Wael Safwat, Rasha Refea, Medhat Abdel Aal, Ibrahim Mostafa and Mahmoud El Meteini  |  | **99-101** |
| **13** | **Application of Hazard Analysis Critical Control Points in Dairy Products: A Case Study of Probiotic Talbina**Soher E. Aly, Amal S. Hathout and Ahmed F. Sahab  |  | **102-113** |
| **14** | **Birds Of Three Different Forest (Sal, Pine And Oak) Habitats In Nainital District (Western Himalaya) Of Uttarakhand, India** Kamal Kant Joshi, Dinesh Bhatt  |  | **114-121** |
| **15** | **Measure the Impact of some Variables on The Level of Productive Capacities of the Fattening Chicken Farms in Qaliubiya Governorate, Egypt** Mohy El-Din M. Kh. El-begawy, Yousria Ahmed Allam, Heba. Y. A. Yassen and Hanan. M. Mahrous |  | **122-131** |
| **16** | Comparing Effects Of Organic Acid (Malate) And Yeast Culture As Feed Supplement On Dairy Cows Performance Ebtehag, I. M. Abou-Elenin, Hoda, M. El-Hosseiny and H. M. El-Shabrawy  |  | **132-140** |
| **17** | *Streptomyces****anulatus*a Tellurium Tolerant Actinomycete Some modes of Tolerance** El-Meleigy , M . A.; Mohamed, H. F.; Mokhtar, M. M. and Salem, M. S.  |  | **141-153** |
| **18** | **Tsunami: meaning and causes; a theoretical approach.** Abdulsalam , Nasir Naeem |  | **154-157** |
| **19** | **Application of sugarcane straw anion exchanger for nitrate removal** Masoomeh Farasati, Saeed Boroomand nasab, Hadi Moazed, Nemaat Jafarzadeh, JahangirAbedi kupaee |  | **158-168** |
| **20** | **Assessing Private extension models** Mehdi Nazarpour and  Abbas Emami |  | **169-172** |
| **21** | **Reactivity of pyridin-2-thione derivatives towards some nucleophilic and electrophilic reagents** Nahed F. Abdel-Ghaffar  |  | **173-182** |
| **22** | **Comparative Study among the Germination and Propagation of Different *Capsicum Annuum*Cultivars using Tissue Culture Techniques**Omar M. Akram, Mona Gaafar, Gehan Safwat and Ayman Diab  |  | **183-189** |
| **23** | **Synthesis and Biological evaluation of Some Nitrogen Containing Heterocycles**Nahed . F . Abdel-Ghaffar  |  | **190-201** |
| **24** | **Synthesis, Reactions and Antimicrobial activity of Some Substituted 4, 6-Diphenyl Pyridine 2-Thione Derivatives** Nadia T. A. Dawoud |  | **202-210** |
| **25** | **emoval of chromium ions from liquid waste solutions using immobilized *Cunninghamella  elegans***Abdel-Razek A.S.  |  | **211-219** |
| **26** | **Role of Hypertension and Metabolic Abnormalities in the Development of Diabetic Nephropathy among Egyptian Patients with Type 2 Diabetes**Azza M. El-Wakf; Tarek M. Abbas ; Rizk A. El-Baz and Wafaa A. Mohammed.  |  | **220-228** |
| **27** | **Use of Tumeric and Curcumin to Alleviate Adverse Reproductive Outcomes of Water Nitrate Pollution in Male Rats** Azza M. El-Wakf; EL-Said M. Elhabiby; Waffa M. El-kholy and Eman Abd El-Ghany.  |  | **229-239** |
| **28** | **Physico-chemical studies on the growth of an Ochratoxin A-degrading *Rhizopus* sp.**Ilesanmi Fadahunsi Emmanuel Garuba and Olayinka Elutade |  | **240-244** |
| **29** | **The Pollution Status of West African Arid Zone Lake**Idowu Rachel Toyosi, Gadzama Usman Ngamarju  |  | **245-249** |