**CONTENTS**

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | **Effects of Cycle and Fill Period Length on the Performance of a Single Sequencing Batch Reactor in the Treatment of Composite Tannery Wastewater.**   Andualem Mekonnen and Seyoum Leta |  | **1-8** |
| **2** | **Grid Parity and Solar Electricity for Homes**   Nnorom ACHARA |  | **9-15** |
| **3** | **Application of Antimicrobial Non Woven Fabrics in Nursing Pads**  Ibrahim, G.E. |  | **16-26** |
| **4** | **Indoor Mycoflora in Household Dust and Human Health**   Mohamed A.Fareid |  | **27-36** |
| **5** | **Hepatitis B surface antigenemia (HBsAg) and risk factors of transmission among patients attending Universal Hospital, Ankpa, Kogi State, Nigeria**  Sule WF, Okonko IO, Yunusa IP, Odu NN, and Frank-Peterside N |  | **37-44** |
| **6** | **Antimicrobial evaluation and phytochemical analysis of leaf extracts of *Mirabilis jalapa* against some human pathogenic bacteria**  Akintobi, O.A., Agunbiade, S.O., Okonko, I.O., and Ojo, O.V. |  | **45-53** |
| **7** | **Influence of Rosemary Extract on Immune Responses and Oxidative Stress in Mice Intoxicated by Aflatoxins**  Sahar, T. Ahmad;Abeer, S. Hafez; Manal, A. Hassan and Mogda, K. Mansour |  | **54-63** |
| **8** | **Growth and Nutrients Status of Wheat as Affected by Ascorbic Acid and Water Salinity**   Hussein, M.M., Abd El-Rheem, Kh. M. Khaled, S. M. and Youssef, R. A. |  | **64-69** |
| **9** | **Rayleigh and Compton Scattering Cross-sections for 19.648 keV Photons**   Prem Singh |  | **70-77** |
| **10** | **Analytical Study of the Movements of Time and Price of Some Vegetable Crops in the Egyptian Market**   Yahya M. M. Khalil, Mahmoud A. A. Farrag, Ahmed H. Ghanimi and Samir. A. Metwalli |  | **78-84** |
| **11** | **Comparative Evaluation of Foot and Mouth Disease Vaccines Used in Egypt**   Saad, MA. and Wafaa Deghaidy |  | **85-89** |
| **12** | **Comparison of the Effects of Some Essential Oils as Anti-inflammatory Agents on the activities of Lysosomal Acid-Hydrolases in Rat Liver in-vitro**   Kamal, M. El-Deib and Nermien,Z. Ahmed |  | **90-98** |
| **13** | **Biochemical studies on the effect of dietary fibers on lipids and carbohydrate metabolism in rats**  Maha J. Balgoon, Karima S. Mohamed, and Sawsan H. Mahassni |  | **99-108** |
| **14** | **Sensorial Evaluation of Egyptian School Meals**  Alaa Azouz |  | **109 -115** |
| **15** | **Non-endoscopic parameters for prediction of esophagogastric varices in chronic liver disease patients - A novel prediction score for the presence of varices**  Mohammad Sakr, M.D.; Soheir Abdel Kadder, M.D.; Eman Barakat, M.D.; Sara Abdelhakam, M.D.; Wesam Ibrahim, M.D.; Samir Abdel Ghaffar, M.D.; Maha El-Gaafary, M.D. |  | **116 -126** |
| **16** | **Significance of C3 in Egyptian Cirrhotic Patients with Ascites Complicated By Spontaneous Bacterial Peritonitis**  Sayed A. Shalaby , Hossam Abdel Aziz , Wesam A. Ibrahim  , Tarek M. Yousef, Sara Abdelhakam , Dalia M. Ghoraba Dina A Soliman |  | **128-133** |
| **17** | **Insulin Sensitizing Effects of Hesperidin and Naringin in Experimental Model of Induced Type 2 Diabetes in Rats: Focus on Tumor Necrosis Factor-Alpha and Resistin**   Adel Abdel-Moneim; Mohamed B. Ashour; Ayman Moawad Mahmoud and Osama M. Ahmed |  | **134-141** |
| **18** | **Contrast of Evolution between in Computer and in Cell**   WU Sheng-Ping |  | **142-144** |
| **19** | **Preparation and Evaluation of Master Seed for infectious bronchitis vaccine from local variant isolate**   Susan, S. El-Mahdy; Y. A., Soliman and M. M. El-Hady. |  | **145-151** |