

## CONTENTS

## Original Articles

- 575 - 580 A Molecular Docking Study of *Aloysia citrodora* Palau. Leaf Essential Oil Constituents towards Human Acetylcholinesterase: Implications for Alzheimer's disease  
*Sawsan Abuhamdah, Rushdie Abuhamdah, Melanie-Jayne Howes, Georgina Uttley and Paul L Chazot*
- 581 - 588 Evaluation of *SIRT1* Gene Expression and rs3758391 C/T Polymorphism in Coronary Atherosclerosis  
*Rabab F. Salim, Mamdouh Z. Abadir, Azza M. Elbermawy, Heba A. Mansour and Lina A. Mohamed*
- 589 - 595 Chronic Effects of Lead Exposure on Oxidative Stress Biomarkers in Feral Pigeon (*Columba livia*) from Smelter Area in Kosovo  
*Sheval F. Memishi, Qerim I. Selimi, Kasum Rr. Letaj and Isa R. Elezaj*
- 597 - 606 Characterization of the Complete Chloroplast Genome of *Blepharis ciliaris* (Acanthoideae, Acanthaceae)  
*Samaïla S. Yaradua, Dhafer A. Alzahrani, Abidina Abba and Enas J. Albokhary*
- 607 - 613 Effect of *Ficus exasperata* VAHL Extracts on Bacterial Isolates Associated with HIV Infection  
*Joseph S. Ajayi, Babayemi O. Oladejo and Muftau K. Oladunmoye*
- 615 - 620 The Variations in Saliva and Serum Total Peroxidases System's Activity in Patients with Different Oral Tumors  
*Hathama R. Hasan and Nuha N. A. Aburahma*
- 621 - 626 Effects of Inoculation with Arbuscular Mycorrhizae and Ectomycorrhizae on Growth and Mycorrhizal Colonization of Cork Oak (*Quercus suber* L.)  
*Hana Ksentini, Amel Meddad-Hamza and Arifa Beddiar*
- 627 - 635 Arsenic Induced Oxidative Perturbations in Freshwater Air Breathing Fish *Clarias batrachus*: In Vivo Study  
*Gyanendra B. Chand and Shrawan Kumar*
- 637 - 646 Landmark-based Morphometric and Meristic Variations in Emperors (*Lethrinus*, Lethrinidae, Percoidae) from Three Areas around Sulawesi (Indonesia) with Different Levels of Destructive Fishing  
*Muhammad Afrisal, Nurjirana, Irmawati, Yukio Iwatsuki and Andi Iqbal Burhanuddin*
- 647 - 657 Bioactive Ingredients and Anti-influenza (H5N1), Anticancer, and Antioxidant Properties of *Urtica urens* L.  
*Alaa A. Gaafar, Sami I. Ali, Omnia Kutkat, Ahmed M. Kandeil, Salwa M. El-Hallouty*
- 659 - 667 GC-MS/MS Based Metabolite Profiling and Evaluation of Antimicrobial Properties of *Emblica officinalis* Leaves Extract.  
*Ali.M.M.A. Al-samman, Mohd. Imran, Md. Afroz Bakht, Kahkashan and Nadeem.A.Siddique*
- 669 - 674 Effect of *Pleurotus ostreatus* Extract on Epidermal Growth Factor Receptor Expression during Healing of Aspirin-induced Peptic Ulcer in Male Rats  
*Saja Hussain Dilfy, Adnan W. M. Al-bideri and Mohammed Jubair Hanawi*
- 675 - 680 Total Phenolic Content, Antioxidant and Antimicrobial Activity of *Ruta chalepensis* L. Leaf Extract in Al-Baha Area, Saudi Arabia  
*Abdulaziz Y. Al-Ghamdi, Abdelfattah A. Fadlelmula, and Mohamed O.M. Abdalla*
- 681 - 700 Curative Potential of Nigerian Medicinal Plants in COVID-19 Treatment: A Mechanistic Approach  
*Johnson Olaleye Oladele, Ebenezer Idowu Ajayi, Oyedotun Moses Oyeleke, Oluwaseun Titilope Oladele, Boyede Dele Olowookere, Boluwaji M Adeniyi*
- 701 - 707 Morphology and Distribution of *Empoasca decipiens* Paoli and *Asymmetrasca decedens* (Paoli) (Hemiptera: Cicadellidae), in Jordan  
*Zaid Nabas and Ahmad Katbeh Bader*

- 709 – 714 Assessment of Testicular Histomorphometric Parameters and Reticular Fibres Density on Testicular Tissue of Diabetic Wistar Rat Placed on *Auricularia Polytricha*  
*Godson E. Anyanwu ,and Cyril A. Agbor*
- 715 – 719 Preliminary Studies on the fluctuation of the biomass of size-fractionated zooplankton in sea grass bed of Pulau Tinggi, Malaysia  
*Nasir Shuaib, Maryati Mohamed, Mohd Saifullah Rusiman, Hazel Monica Matias-Peralta, Abdur Rahim*
- 

### Short Communication

---

- 721 – 724 Predicting Blood Lead Levels Using Endogenous Lead Levels in the Scalp Hair of Workers in Acid Battery Manufacturing Plant: A Pilot Study  
*Ala' Ali Ahmad Al-Subeihi and Abdelkader H. Battah*
- 725 – 729 Cyanoxanthomycin, a Bacterial Antimicrobial Compound Extracted from Thermophilic *Geobacillus* sp. Iso5  
*Dummi M. Gurumurthy, T. P. Charanraj, Basheerabegum Faniband, Preeti N. Tallur, Zabin K. Bagewadi, Shivayogeeswar E. Neelagund and Sikandar I. Mulla*
- 731 - 734 *Streptomyces* flora in chronically fuel oil-polluted soils and analysis of their alkane hydroxylase (*alkB*) gene by PCR  
*Ismail Saadoun, Mohammad Alawawdeh , Ziad Jaradat , and Qotaiba Ababneh*