

CONTENTS

1	Model for Calculating the Concentration of Upgraded Iron Designated for Production of Stainless Steel Based Biomedical Devices Used in Orthopaedics C. I Nwoye, G. C. Obasi, U. C Nwoye, K. Okeke, C. C. Nwakwuo and O. O Onyemaobi	1-6
2	Tracheary elements characteristics of <i>Kigelia africana</i> (Lam) Benth and <i>Newbouldia laevis</i> (P. Beauv) Seemann ex. Bureau growing in rainforest and derived savanna regions of Edo State, Nigeria. Okogwale. E.E, Ogie-Odia E and Idialu J.E	7-13
3	Plant Biotechnology on a flight: Is Africa on board? Olawole O. Obembe	14-25
4	Model for Predicting the Concentration of Phosphorus Removed as Impurity during Hydro-Processing of Iron Oxide Ore Designated for Production of Orthopedics Devices C. I. Nwoye, I. E. Mbuka, M. Obi and K. Okeke	26-30
5	Sorption Energies Estimation Using Dubinin-Radushkevich and Temkin Adsorption Isotherms Itodo A.U. and Itodo H.U	31-39
6	Periphyton Algae Dynamics at the University of Lagos Shoreline In Relation To Physico-chemical characteristics Onyema, I.C., Onwuka, M. E., Olutimehin, A.O., Lawal, S.T., Babalola, R.M., Olaniyi, A.J., Morgan, P. and Suberu, T.B.	40-47
7	Gas Chromatography – Mass Spectroscopic analysis of <i>Lawsonia inermis</i> Leaves Hema R., S. Kumaravel, S. Gomathi and C. Sivasubramaniam	48-50
8	Comparative efficiencies of the degradation of C.I. Mordant Orange 1 using UV/H₂O₂, Fenton, and photo-Fenton processes A.M. Gamal	51-59
9	The Efficacy of Community Based Intervention in Newborn Care Practices and Neonatal Illness Management in Morang District of Nepal Sirjana Khanal, Weidong Zhang, Sudhir Khanal,	60-67
10	Sorption Energies Estimation Using Dubinin-Radushkevich and Temkin Adsorption Isotherms Itodo A.U. and Itodo H.U	68-76
11	Maize (<i>Zea mays</i>) Response to Phosphorus and Lime on Gas Flare Affected Soils. Uzoho, B.U, G.E Osuji, E.U Onweremadu and Ibeawuchi I.I.	77-82
12	Study of the Influence of Environmental Tobacco Smoke To Trachea and Lung of the Animal Model Shuling Wang, Tianqi Wang, Shen Cherng	83-87
13	Model for Calculating the Amount of Water Removable during Thermo-processing	88-92

of Kaolin Based Bioceramic Material Designated for Production of Human Bone Replacement

C. I. Nwoye, K. Okeke, C. C. Nwakwuo, G. C. Obasi and S. U. Ofoegbu

- 14 **Diarrhoea in Neonatal baraki kids-goats** 93-97
Mona S. Zaki; Nagwa S. Ata; Shalaby, S. I. and Iman M. Zytoun
- 15 **Endothelial Dysfunction In Systemic Lupus Erythematosus** 98-104
Aysha I.Z. Badawi , Randa F Abd Al Salam , Amal A El Wahab
- 16 **Influence of resin-tags on shear-bond strength of butanol-based adhesives** 105-113
M. Atef, H. Ragab, and W. El-Badrawy
- 17 **Effect of palatal surface contouring techniques on the swallowing function of complete denture wearers.** 114-118
Tamer Abou-Elsaad , Ahmad Habib, Mohamed Elkhodary , and Abd-Allah Salem
- 18 **The value of blood brain natriuretic peptide for predicting clinical severity and prognosis in patients with acute coronary syndromes** 119-123
Tong-wen Sun ,Shu-xiang Zhang,Qing-li Xu,Xiao-juan Zhang, Ling Li ,Jin-ying Zhang
- 19 **Bioformulations of Bacillus Spores for using as Biofertilizer** 124-131
Amal. M. Omer
- 20 **Eusyllinae, Anoplosyllinae, and Exogoninae (Polychaeta: Syllidae) for the Mediterranean Coasts of Egypt, Together the Description of One New Species** 132-139
F. A. Abd-Elnaby¹ and G. San Martín²
- 21 **Evaluation of Human Telomerase Activity as a Novel Tumor Marker for Hepatocellular Carcinoma** 153-161
Afaf Abdel Hady, Faten El Shanawany, Mona M. Hassan, Amgad Anas, Ibrahim Mostafa, Ahmed Abdel Hadi
- 22 **Formation physiology of Mosquitocidal Toxin by a novel Bacillusthuringiensis isolate from under Solid State Fermentation** 144-152
M.S.Foda, Fawkia M. El-Beih, Maysa E. Moharam. Nora N.A.El-Gamal
- 23 **Evaluation of Human Telomerase Activity as a Novel Tumor Marker for Hepatocellular Carcinoma** 153-161
Afaf Abdel Hady, Faten El Shanawany, Mona M. Hassan, Amgad Anas, Ibrahim Mostafa, Ahmed Abdel Hadi
- 24 **Role of Selenium in Attenuating Cardiac and Hepatic Damages Induced By the Antitumor Agent, Doxorubicin** 162-172
Safinaz S. Ibrahim, Maged A. Barakat, Hebatalla M. Helmy
- 25 **Opacification of a CeeON 911A Silicone Intraocular Lens Caused by Deposits on the Optic without Asteroid Hyalosis** 173-176
Feng-Chi Lin, Han-Yin Sun, Ming-Liang Tsai, Jeng-Shuan Shiang, Shang-Tao Chien, Chi-Ting Horng