

## CONTENTS

<b>1</b>	<b>Community Participation for Educational Planning and Development</b>	<b>1-4</b>
	Abrisham Aref	
<b>2</b>	<b>Micropagation of <i>Spilanthes acmella</i> Murr. – An Important Medicinal Plant</b>	<b>5-11</b>
	Kuldeep Yadav and Narender Singh	
<b>3</b>	<b>Antitumor and Synthesis of Furochromenyl Pyrazoles, and Thiosemicarbazide Derivatives</b>	<b>12-22</b>
	Asmaa A. Magd-El-Din, Amira S. Abd-El-All, A. H. Abdel-Rhaman, Mashalla M.S. El-Baroudy.	
<b>4</b>	<b>Effect of Metformin Therapy on Serum Interleukin-6 and Interleukin-18 Levels in Patients with Polycystic Ovary Syndrome</b>	<b>23-26</b>
	Sherif F. ELMekkawi ,MD, Amr S. ELHosseiny MD, Ghada M. Mansour,MD, Amal A Abbas ,MD Ashraf M Asaad MD, Khadiga S Ali	
<b>5</b>	<b>Analysis and Homology Modeling of Proteins Derived from <i>NKX2.5</i> Non-synonymous Single Nucleotide Polymorphisms Involved in Congenital Heart Disease</b>	<b>27-38</b>
	Dinesh S. M, Prashantha Karunakar, C. Amruthavalli and Nallur B Ramachandra	
<b>6</b>	<b>Rotary Tiller Design Proportional to a Power Tiller using Specific Work Method (SWM)</b>	<b>39-45</b>
	Hemad Zareiforoush , Mohammad Hasan Komarizadeh, Mohammad Reza Alizadeh	
<b>7</b>	<b>Aneuploidy in In-vitro Matured Buffalo Oocytes with or without Cumulus Cells</b>	<b>46-51</b>
	Karima Gh. M. Mahmoud, Youssra M. A. Mohamed, Amer M. A., Magda M. Noshly, Nawito M. F.	
<b>8</b>	<b>In Vitro Antibacterial Potentials and Synergistic Effect of South-Western Nigerian Plant Parts Used in Folklore Remedy for <i>Salmonella typhi</i> infection</b>	<b>52-59</b>
	Oluduro Anthonia and Omoboye Olumide	
<b>9</b>	<b>Biocompatibility of Intravenous Nano Hydroxyapatite in Male Rats</b>	<b>60-68</b>
	Eman I. Abdel-Gawad and Sameh A. Awwad	
<b>10</b>	<b>Immobilized-microalga <i>Scenedesmus</i> sp. for Biological Desalination of Red Sea Water: I. Effect on growth metabolites</b>	<b>69-76</b>
	El-Sayed, A. B; El-Fouly, M.M and Abou El-Nour, E. A.A.	
<b>11</b>	<b>Antitumor Potential of Total Alkaloid Extract from <i>Tabebuia rosea</i> (Bertol.) DC. Leaves on MOLT-4 Cells In Vitro</b>	<b>77-85</b>
	Mani Sathiya, Krishnaswamy Muthuchelian	
<b>12</b>	<b>A Convenient Synthesis of Some New Pyrazolo-Pyrimidine Derivatives with Potential Biological Activity</b>	<b>86-91</b>
	Saleh A. Bashwan, Ahmed A. Fayed and Atef A. Amer	

<b>13</b>	<b>EFFECTS OF CALCIUM CARBONATE OF DIFFERENT COMPOSITIONS AND PARTICLE SIZE DISTRIBUTIONS ON THE MECHANICAL PROPERTIES OF FLEXIBLE POLYURETHANE FOAM</b>	<b>92-101</b>
	Ganiyu K. Latinwo, David S. Aribike, Layioye O. Oyekunle, Akpoveta A. Susu,, Semiu A. Kareem	
<b>14</b>	<b>Comparative Study of Biodiesels Produced from Unrefined Vegetable Oils</b>	<b>102-106</b>
	Ganiyu K. Latinwo, David S. Aribike and Semiu A. Kareem	
<b>15</b>	<b>Therapeutic Effect of Berenil<sup>R</sup> in Experimental Murine Trypanosomiasis using Stocks Isolated from Apparently Healthy Captive - Reared Grasscutters (<i>Thryonomys swinderianus</i>). </b>	<b>106-110</b>
	Opara, M.N. and Fagbemi, B.O.	
<b>16</b>	<b>The Effects of Steeping with Chemicals (Trona and Alum) on the Functional Properties and Proximate Composition of Asparagus Bean (<i>Vigna sesquipedalis</i>)</b>	<b>111-120</b>
	Nwosu Justina Nne	
<b>17</b>	<b>A theory of the lifecycle of bacteria</b>	<b>121-131</b>
	Yuri Heymann	
<b>18</b>	<b>Differential inhibitory effects of medicinal plant extracts on proline uptake in clinically isolated three <i>Candida</i> spp.</b>	<b>132-139</b>
	Ch.Tanushree Das , Ritarani Das & R.C. Mohanty	
<b>19</b>	<b>HYDROCHEMISTRY AND PLANKTON DYNAMICS OF EUTROPHIC TROPICAL LAGOON</b>	<b>140-149</b>
	Paul. Chuks. Onuoha, and Vyverman, Wim.	
<b>20</b>	<b>An Assessment of Distributed Generation Impacts on Distribution Networks using Global Performance Index</b>	<b>150-158</b>
	Hussein. A. Attia, Zeinab H. Osman, M. El-Shibini, and Ahmed A. Moftah	
<b>21</b>	<b>Evaluation and Modelling of the Dynamics of Filled Flexible Polyurethane Foam</b>	<b>159-167</b>
	Ganiyu Kayode Latinwo, David Stan Aribike, Layioye Oyekunle and Alfred Akpoveta Susu	
<b>22</b>	<b>Phytic Acid Ameliorates Acrylamide-Induced Genotoxicity and Biochemical Disturbance in Mice</b>	<b>168-177</b>
	Ayman A. Farghaly, Mona A. Abo-Zeid, Asmaa S. Salman, Naglaa E. Mohamed	
<b>23</b>	<b>Microbiological Characteristics of Ghanaian Traditional Fermented Milk Product, <i>Nunu</i></b>	<b>178-187</b>
	F. Akabanda, J. Owusu-Kwarteng, R. L. K. Glover, K. Tano-Debrah	
<b>24</b>	<b>Comparative efficiencies of the degradation of C.I. Mordant Orange 1 using UV/H<sub>2</sub>O<sub>2</sub>, Fenton, and photo-Fenton processes</b>	<b>188-195</b>
	A.M. Gamal	
<b>25</b>	<b>Effect of Seminal Plasma Centrifugation for Viscosity Elimination on Cryopreservation of Dromedary Camel Semen</b>	<b>196-202</b>
	El-Bahrawy, K. A.	

<b>26</b>	<b>Artificial insemination and ovulation induction in dromedary she-camel</b> E. E. El-Hassanein , K. A. El-Bahrawy, A. A. Zagloul	<b>203-208</b>
<b>27</b>	<b>Carotenoids Accumulation in the Green Alga <i>Scenedesmus</i> sp. Incubated with Industrial Citrate Waste and Different Inductions Stress</b> El-Sayed, A.B	<b>209-215</b>
<b>28</b>	<b>Establishment of an <i>in vitro</i> propagation protocol for <i>Taxodium distichum</i> and <i>Taxodium distichum</i> var. ‘distichum’</b> Abou Dahab, A.M., Habib, A.M., El-Bahr, M.K., and Gabr, A.M.M.	<b>216-227</b>
<b>29</b>	<b>Study on Fish pathogenic fungi and its periodicity in Tunga river of Karnataka (South India)</b> Prasad D and Rajanaika	<b>228-231</b>
<b>30</b>	<b>Growth and yield response of chick pea (<i>Cicer arietinum</i>) to seed inoculation with <i>Rhizobium</i> sp.</b> Giri, Nishita and Joshi, N.C.	<b>232-236</b>
<b>31</b>	<b>Land Capability Classification and growing period for Guila Abena Watershed in Sasse Tseda Emba District in Eastern Tigray, Ethiopia</b> Amir Seid Ahmed, Fassil Kebede, and Mitiku Haile	<b>237-243</b>
<b>32</b>	<b><i>De novo</i> Shoot Organogenesis from Cultured Root Explants of <i>Swertia chirata</i> Buch.-Ham.ex Wall: An Endangered Medicinal Plant.</b> Manu Pant, Prabha Bisht and Manju P. Gusain	<b>244-252</b>
<b>33</b>	<b>Chemical Constituent, Inorganic Elements and Properties of <i>Cordyceps sinensis</i> - a Review (<i>Cordyceps sinensis</i> - a Review)</b> Arvind Kumar Bhandari, J.S. Negi , V.K. Bisht, C.S. Rana, M.K. Bharti and Narayan Singh	<b>253-256</b>
<b>34</b>	<b>Immunodiagnostic Potential of Mucin (MUC2) and Thomsen-Friedenreich(TF) Antigen in Egyptian Patients with Colorectal Cancer</b> Ibrahim H. El-Sayed and Mahmoud Moawad	<b>257-264</b>
<b>35</b>	<b>Effect of Volatile and Non-volatile compounds from <i>Trichoderma</i> spp. against <i>Colletotrichum capsici</i> incitant of Anthracnose on Bell peppers.</b> AJITH.P.S and LAKSHMIDEVI.N	<b>265-269</b>
<b>36</b>	<b>EFFECT OF DIFFERENT PLANT LOCATIONS AND SOWING DATES ON SOME JEW'S MALLOW ECOTYPES (<i>CORCHORUS OLITORIUS</i> L.)</b> SAMEH. A. M. ABD- ALLAH , AMAL Z. HEGAZI AND MOHAMMED H. TOLBA	<b>270-283</b>