

# Table of Contents

Homology Modeling of the Chimeric Human Sweet Taste Receptors Using Multi Templates	1
<i>Ragheed Hussam Yousif</i>	
Evaluation of Silicate-Based Rocks as Soil Conditioners	6
<i>Mervat Said Hassan, El Toney Mohamed and Mohamed Kamail</i>	
Genetic Variation Analysis of Sinai Chicken and Japanese Quail Populations Using Microsatellite DNA Markers	12
<i>Sami Farrag, Mohamed Soltan and Ahmed Enab</i>	
Trace Metal, Proximate Composition and Anatomical Properties of Four Fish Species Commonly Consumed in Southwestern Nigeria	18
<i>Oladunni Olafisoye, Godwin Olutona and Adelaja Osibote</i>	
Morphological Characterization and Structural Features for High Drought Tolerance in some Omani Wheat Landraces	23
<i>Ahmed Al Maskri, Mansoor Hameed and Mumtaz Khan</i>	
Salinity Effects on Growth, Electrolyte Leakage, Chlorophyll Content and Lipid Peroxidation in Cucumber ( <i>Cucumis sativus L.</i> )	28
<i>Muhammad Mumtaz Khan, Ruqaya Al-Mas'Oudi, Fahad Al Said and I. Khan</i>	
Performance of Supervised Classification for Mapping Land Cover and Land Use in Jeffara Plain of Libya	33
<i>Mukhtar Mahmud Elaalem, Younes Daw Ezzlit, Abdulhakim Elfghi and Farag Abushnaf</i>	
Effect of Varying Soil and Vermicompost Mixtures on Growing Media and Yield and Quality of Sweet Corn	38
<i>Bijoy Chandra Ghosh, N. Bera, D. Das and D. K. Swain</i>	
Quantitative, Qualitative and Enzymatic Activities of Aerobic Sporforming Bacteria in Foods of Animal Origin	43
<i>Ahmed Hassan Saad and Ali Meawad Ahmed</i>	
Building and Promoting the System of Chinese Food Security and Public Health: A Study on System Challenge as the H7N9 Virus Booming in China	49
<i>Ye Yu, Suwei Yuan, Jiantao Cao, Feng Yuan and Jin Ma</i>	
Microbial, Physicochemical and Shelf Life Analysis of Muscovado in Different Packaging Materials at Various Storage Time	56
<i>Karen Luz Y. Teves, Erlinda I. Dizon, Jovita L. Movillon and Aldwin M. Teves</i>	

The Incidence of Diabetes in Indonesian Young Adults: The Importance of Lifestyle Compared to Family History	62
<i>Lina Antono, Astri Kurniati, Amelinda Angela, Kamalita Pertiwi and Susana</i>	
Effect of Traditional Fermentation as a Pretreatment to Decrease the Antinutritional Properties of Rambutan Seed ( <i>Nephelium lappaceum L.</i> )	67
<i>Lasekan Olusegun Olaniyi and Shabnam Mehdizadeh</i>	
Market Structure, Conduct, Channel and Margin of Dry Season Okra Vegetable in South-Eastern Nigeria	73
<i>Agbugba Ikechi Kelechi, Nweze Noble Jackson, Achike Anthonia Ifeyinwa and Obi Ajuruchukwu</i>	
Effect of Insect Infestation on Carbohydrate, Protein and Phenol Content of Wheat Grains	79
<i>Prachi Singh, Santosh Satya and S. N. Naik</i>	
To Study the Effect of Holy Basil Leaves on Low Blood Pressure (Hypotension) Age Group of 18-30yrs Women	83
<i>Amita Bhargava, Lata Gangwar and Himmat S. Grewal</i>	
Production of Surfactin from <i>Bacillus subtilis</i> ATCC 21332 by Using Treated Palm Oil Mill Effluent (POME) as Fermentation Media	87
<i>Mohd Rizal Abas, Abdul Jalil Abdul Kader, Mohd Sahaid Khalil, Aidil Abdul Hamid and Mohd Hafez Mohd Isa</i>	
Adoption of Cashew Production Technologies by Farmers in the Southeastern Tanzania	94
<i>Kidunda B. R., Kasuga L. J., Magani S. F. and Mwakanyamale D. F.</i>	
Fermentation of Indian Oil Sardines ( <i>Sardinella longiceps</i> ) Utilizing Languas ( <i>Alpinia Pyramidata Blume</i> ) as Enhancer and Catalyser	100
<i>Myrna C. Bigueja and Luisa M. Lanciso</i>	
Socio-Economic Characteristics and Poverty among Small-Scale Farmers in Apa Local Government Area of Benue State, Nigeria	106
<i>J. C. Umeh, J. Ogah and E. C. Ogbanje</i>	
Antioxidant Property of Dry and Wet Mill Nanostructured <i>Zingiber Officinale</i> Rosc. (Ginger) Rhizome: A Comparative Study	112
<i>A. Norhidayah, A. Noriham and M. Rusop</i>	
The Memory Enhancing Effects of the Extract from the Fruit Hull of Mangosteen ( <i>Garcinia mangostana L.</i> ) in Healthy Adult Male Rats	117
<i>Naiyana Nontamart, Walaiporn Tongjaroenbuangam and Rungrudee Srisawat</i>	
Antihypertensive Effects of <i>Centella asiatica</i> Extract	122

<i>Thida Intharachatorn and Rungrudee Srisawat</i>	
Perceptions and Use of Indigenous Leafy Vegetables (ILVs) for Nutritional Value: A Case Study in Mantusini Community, Eastern Cape Province, South Africa	127
<i>Vuyiswa Taleni and Nomalungelo Goduka</i>	
Author Index	133