

## CONTENTS

1	<b>Assessment the Effects of Transgenic Egyptian <i>Bt</i> Cotton that Contain Two Genes Expressing Cry 1Ac and Cry 2Ab Delta-Endotoxin on the Abundance of the Non Target Organisms Community</b> Hassan Farag Dahi	1-7
2	<b>Chemical, Nutritional and Biochemical Studies of Garden Cress Protein Isolate</b> Ahmed, M. Gaafar; Azza, A. Morsi and Heba, E. Elghamry	8-13
3	<b>Extraction, analysis and study of antioxidant activity and total phenolic of pomegranate (<i>Punica granatum</i> L.) seed oil from four different regions of Iran (Yazd, Saveh, Kashan and Varamin)</b> Abdolhossein Rustaiyan, Keivandokht Samiee, Somayeh Elahi Kurabaslu, Massoud Taghizadeh	14-18
4	<b>Biodegradation of Three Agricultural Wastes by a White-rot Fungus <i>Pleurotus pulmonarius</i> (Fries) Quetlet</b> C. O. Adenipekun, O. J. Dada	19-25
5	<b>Antimicrobial Effect of Chlorhexidine and Sodium Hypochlorite on Some Microorganisms in the Root Canals of Non Vital Teeth - In Vivo Study</b> Fadia M. A. Own, Sherine B. Y. Badr, Fatma A. H. El-Shehaby and Mona G. Nada	26-31
6	<b>Seasonal activity of the white date palm scale insect, <i>Parlatoria blanchardii</i> (Targioni-Tozzetti) infesting date palm trees at Esna district, Luxor Governorate, Egypt.</b> Salman, A.M.A., S.F.M. Moussa and M.M.S. Bakry	32-40
7	<b>Detection of Citrus Yellow Mosaic Virus Infection in Different Species of Citrus by PCR</b> Muneesh Kumar Barman	41-45
8	<b>Crude oil induced oxidative stress in <i>Capsicum annum</i> L.</b> Victor Johwo Odjegba, John Omotoyosi Badejo	46-50
9	<b>Prime Number 19, The Vedic Zero And The Fall Of Western Mathematics By Theorem</b> Vinoo Cameron MD	51-52
10	<b>Solar House Design with Focus on Sustainability Goals</b> Reza Mirzaei	53-62
11	<b>Antioxidant and trace metals levels in Anemia</b> Saira Baloch, Naila Masood, Imran Ali Shaikh, and Ali Raza Memon	63-66
12	<b>Fertilizer management in Drumstick under semidry condition of Bundelkhand region of Madhya Pradesh.</b> Swati Barche, Kamal S. Kirad and B.K.Dixit	67-68
13	<b>Bandwidth Enhancement of Rectangular Patch Microstrip Array Antenna by Micromachining Technique</b>	69-72

R. K. Verma, N. K. Saxena and P. K. S. Pourush

- 14 Bacterial analysis of urine of pregnant and non-pregnant women having urinary tract infection (UTI), attending the General Out-Patient (GOP) clinic of the University College Hospital (UCH), Ibadan, Nigeria** 73-77  
Olubiyi Akinsoji Akintobi, Bukola Ayodeji Bamkefa, Adekunle Odunayo  
Adejuwon, C.E. Ejionueme
- 15 Composition of fatty acids and lipid content of liver and muscle tissues of *Sepia pharaonis* in the Persian Gulf** 78-81  
Keivandokht Samiee, Maryam Darvish, Abdolhossein Rustaiyan, Nahid Naghdi
- 16 Assessment of Fish diversity of Tunga River, Karnataka, India** 82-87  
A.S. Kumar Naik; Jitendra Kumar; V. Mahesh; S. Benakappa
- 17 Enhancement of the Performance of Stepped Solar Still Using Humidification-Dehumidification Processes** 88-98  
Mostafa M. Awad and S. A. El-Agouz
- 18 Surface Temperature Effect on Surface Erosion in Heat Exchangers** 99-106  
Mostafa M. Awad
- 19 Antibiotic Resistant Profile of Bacteria isolated from Septicaemia Cases in a Tertiary Health Care in Abeokuta, Nigeria** 107-112  
Akingbade OA, Ojo DA, Okerentugba PO, Adejuwon OA, Okonko IO
- 20 Review of gray water treatment and reuses for Irrigation** 113-116  
Bagher Yousefi, Hadi Moazed, Mohsen Pouladgar, Sahar Rahi
- 21 Assessment the Effects of Transgenic Egyptian *Bt* Cotton that Contain Two Genes Expressing Cry 1Ac and Cry 2Ab Delta-Endotoxin on the Abundance of the Non Target Organisms Community** 117-122  
Hassan Farag Dahi
- 22 Antimicrobial Activity of Estuarine Isolates against Shrimp Pathogenic *Aeromonas* Species.** 123-128  
Caroline Nchedo Ariole and Edith Chikodiri Oha