

Subject Index	page
Effect of the Aqueous Extract of Celery (<i>Apium graveolens</i>) Seeds, Apple Vinegar and Their Combination on Animal Models of Pain A.A.H. Jawad , N.H. Jassim and A.M. Jawad	1-10
Preliminary study of the response of some cultivars of Sugarcane (<i>Saccharum</i> spp.) to In vitro culture S.D. Alutbi, A.H. Al-Musawi, S. Al-Saadi and W. M. Al-Asade	11-18
Geotechnical Properties of Tel-Afar Gypseous Soils A.M.H. Al-Marsoumi ; M.J. Kadhum* and S.K. Kadhum	19-31
Histological changes induced by cadmium ion in the Gills, Liver and Intestine of juvenile <i>Carassius carassius</i> (L.) A.F. Al-Mansoori	32-46
Spasmolytic activity of <i>Ammi visnaga</i> seeds on isolated rabbit jejunum A.A.D. Jawad, O.S. Khuon and N.A. Ali	47-58
<i>Development and Evaluation of Solar Still With an Internal Heate</i> H.A. Kadhim, A. Al-Hajjaj and A.H. Al-Hilfi	59-69
Extraction and purification of gliadin from local variety wheat as specific antigen and using it in the enzyme linked immunosorbent assay (ELISA) as serological test diagnosis of celiac disease. I.S. M. Sherif ; A.H. Issa and A.H. Lafta	70-85
Effect of Starvation Stress on Organ Structure in Mugll Fish <i>LIZA ABU</i> B.M. Jasim	86-102
THE VERTICAL DISTRIBUTION OF RECENT BENTHIC OSTRACODA IN MARAKKANAM AND ODINUR, EAST COAST, SOUTH INDIA. A.H. Mohammed	103-111
Serum levels of IL – 4 , Immunoglobulines and complements during human amoebiasis Aliaa Abdul Hussien and Wafaa Sadoon Shan	112-119
Eliminaation of <i>Bacillus circulans</i> isolated from callus & offshoots shoot tips of date paln S.D. Al-utbi, H. T. Al-Hadithi, S. Al-Saadi and Z. J. Madhy	120-130