



College of Education for Pure Sciences – Department of Biology (DBI)

Published Researches in International and Local Journals 2022-2023

Article title	Lecturer name	Scientific title	Type of Research	Publication year	Journal Title
Prospecting the insecticidal activity of some botanical extracts as larvicides of mosquito vector, <i>Culex pipens molestus</i> Forskal (Dipetra: Culcidae)	Atallah F. Mekhlif (Co-author)	Prof. Dr.	Local	2022	Samarra Journal of Pure and Applied Science
Molecular Characterization of Wild <i>Pleurotus Ostreatus</i> (MW457626) and Evaluation of β -glucans Polysaccharide Activities	Ghazwan Q. Hasan	Assist. Prof. Dr.	Scopus	2022	Karbala International Journal of Modern Science
	Shimal Y. Abdulhadi	Prof. Dr.			
Antimicrobial Activity of Local Rhizobial Isolates Against Some Fungi	Raad Hassani Sultan (Co-author)	Assist. Prof. Dr.	Local	2022	Journal of Education and Science
Morphological characters the pollen grains of Apricot plant <i>Prunus armeniaca</i> L. and Plum <i>Prunus xdomestica</i> L. cultivated in northern Iraq	Amer Mohsen Mahmood Al-Ma'ithy (Co-author)	Assist. Prof. Dr.	Local	2022	Journal of Education and Science

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Pollution by crude oil and used engine oil and their impact on growth and concentration of some nutrients elements of flax and safflower plants	Hussein Saber Mohammed Ali Al-Rashedy (Co-author)	Prof. Dr.	local	2022	Journal of Education and Science
Antibacterial effect of Bacillus subtilis extract on the growth of pathogenic bacteria and analyzed by GC-MS	Najwa Ibrahim Al-Barhawi (Co-author)	Assist. Prof. Dr.	local	2022	Journal of Education and Science
Water quality assessment using the pollution index model (PIJ) for irrigation purposes. A case study: Duhok valley water in northern Iraq	Abdulazeez Y.T. Al-Saffawi (Co-author)	Prof. Dr.	International	2022	International Journal of Applied Science and Engineering Review
Application of the sub-indicator model to assess the suitability of groundwater for irrigation of livestock in Nimrud district, Nineveh governorate, Iraq	Abdulazeez Y.T. Al-Saffawi	Prof. Dr.	International	2022	Arid Zone Journal of Basic and Applied Research
	Azhar Y.R. Al-Assaf (Co-authors)	Lecturer			
Using the organ model (OWQI) to evaluate Al-Dandan water supply station and its residential quarters, Mosul, Iraq	Abdulazeez Y.T. Al-Saffawi (Co-author)	Prof. Dr.	International	2022	International Journal of Applied Science and Engineering Review

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Determination of genetic variance and the genetic dimension of cultivars of the bean genus <i>Phaseolus L.</i> using RAPD-PCR indicators	Noor N. Al-Talab	Lec. Dr.	International	2022	International Journal of Health Sciences
	Aamer M. Al-mathidy (Co-authors)	Assist. Prof. Dr.			
Antibacterial activity body extracts of developmental stages the blowfly, <i>Calliphora vomitoria</i> (Diptera: Calliphoridae)	Atallah F. Mekhlif (Co-author)	Prof. Dr.	International	2022	International Journal of Molecular Biology and Biochemistry
Assessment an antibacterial activity of crud bodies, <i>Ailolopus thaliossinus</i> (Orthoptera) and <i>Polistes watti</i> larvae (Hymenoptera) by extracted cold and boiled solvents	Atallah F. Mekhlif (Co-author)	Prof. Dr.	International	2022	Journal of Entomology and Zoology Studies
The Effect of Extracts and Phenolic Compounds Isolation from <i>Rosmarinus officinalis</i> Plant Leaves on <i>Tribolium castaneum</i> Mortality	Shaymaa M. Hisham	Lec. Dr.	Scopus	2022	International Journal of Drug Delivery Technology
	Adnan M. Mohammad	Prof. Dr.			
	Muthanna J. Mohammed	Prof. Dr.			

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Stability of pharmaceutical preparations	Ahlam M. Shehab (Co-author)	Assist. Lec.	International	2022	International Journal of Applied Sciences and Technology
Spectrophotometric Determination of Metronidazole in Pharmaceutical Preparations and in Human Blood samples	Ahlam M. Shehab (Co-author)	Assist. Lec.	Scopus	2022	Egyptian Journal of Chemistry
Indirect Spectroscopic Determination of Carvedilol and Propranolol Hydrochloride in Its Pure Form Using Methyl Orange Dye and Applying to Their Pharmaceutical Preparations	Ahlam M. Shehab (Co-author)	Assist. Lec.	Local	2022	College of Basic Education Researchers Journal
Investigation the toxicity of compound insecticide (Acetamiprid and Thiamethioxam) on development of Broiler chick embryo Ross 308	Rabeea Hazim Mohammed (Co-author)	Lec. Dr.	Local	2022	Journal of Education and Science
Molecular identification of three novel species of Ganoderma from different habitats in Mosul, Iraq	Shimal Y. Abdul-Hadi	Prof. Dr.	Scopus	2022	Songklanakarin Journal of Science & Technology
	Raghad Nawaf Gergees (Co-authors)	Assist. Prof. Dr.			
Effect of new filtration medias on water quality, biomass, blood parameters and plasma biochemistry of common carp (<i>Cyprinus Carpio</i>) in RAS	Mira Usama Al-Katib (Co-author)	Assist. Prof. Dr.	Scopus	2022	Aquaculture

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Mandate fungicide and its effect on the protein content and vitality of earth worms	Safaa Mohammed Mahmood (Co-author)	Lec. Dr.	Local	2022	Alatroha
A comparative systematic study of morphological and anatomical characteristics for some cultivars species cultivated of the genus Brassica L.	Aamer M. Al-mathidy (Co-authors)	Assist. Prof. Dr.	Local	2022	Alatroha
A high yield method for protoplast isolation and ease detection of rol B and C genes in the hairy roots of cauliflower (Brassica oleracea L.) inoculated with Agrobacterium rhizogenes	Qutaiba Shuaib Al-Nema	Assist. Prof. Dr.	Scopus	2022	Karbala International Journal of Modern Science
	Ghazwan Qasim Hasan	Assist. Prof. Dr.			
	Omar Abdulazeez Alhamd	Lec. Dr.			
Detection of IgG and IgM Levels in Patients with COVID-19 in Mosul Province, Iraq	Hasan Faisal Hussein Kahya (Co-author)	Assist. Prof. Dr.	Scopus	2022	Journal of Pure and Applied Microbiology

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Perturbation of liver function markers and serum electrolytes associated with Echinococcus granulosus infection in sheep	Ibrahim F. Ali	Assist. Prof. Dr.	Scopus	2022	Iraqi Journal of Veterinary Sciences
	Tamara W. Jihad	Lec.			
Punicalagin protects against the development of pancreatic injury and insulinitis in rats with induced T1DM by reducing inflammation and oxidative stress	Banan R. Dabdoub (Co-author)	Lec. Dr.	Scopus	2022	Molecular and Cellular Biochemistry
Histological effects of the interaction of some food additives on the kidney of pregnant rats	Sanabel A. AlThanoon	Assist. Prof. Dr.	Scopus	2022	Iraqi Journal of Veterinary Sciences
	Ameer M. Taha	Prof. Dr.			
	Raghad A. A. Najjar	Assist. Lec.			
Toxicity of fluoxetine hydrochloride on some selected vital organs of pregnant mice <i>Mus musculus</i>	Baidaa A. Mohammed (Co-author)	Assist. Prof. Dr.	Scopus	2022	Iraqi Journal of Veterinary Sciences
Histopathological effects of titanium dioxide nanoparticles on the liver of Japanese quail <i>Coturnix coturnix japonica</i>	Ameer M. Taha (Co-author)	Prof. Dr.	Scopus	2022	Iraqi Journal of Veterinary Sciences

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Hepatoprotective Effect of Luteolin against Azithromycin Induced Hepatotoxicity	Banan R. Dabdoub (Co-author)	Lec. Dr.	Scopus	2022	Jundishapur Journal of Microbiology
Histopathological Changes Caused by Monochromatic Wavelengths in the Retina of Two Species of frogs	Semaa Ahmed Baker (Co-author)	Lec. Dr.	International	2022	International Journal of Scientific Research in Biological Sciences
The therapeutic effect of gum arabic on nephrotoxicity that induced by anticancer drug carboplatin in male rates	Banan R. Dabdoub (Co-author)	Lec. Dr.	Scopus	2022	Jundishapur Journal of Microbiology
Gum Arabic's Effect on Carboplatin-Induced Hepatotoxicity in Male Rats	Banan R. Dabdoub (Co-author)	Lec. Dr.	International	2022	Neuroquantology
Isolation and identification of non-fermentative Gram-negative antibiotic resistant bacteria from soils of Nineveh governorate, Iraq	Bushra Esam Aljajani (Co-author)	Lec. Dr.	International	2022	Indian Journal of Ecology
Isolation and Diagnosis of Different Local Isolates of Saccharomyces Cerevisiae using DNA Sequencing	Zena W. Al-Jader (Co-author)	Lec. Dr.	International	2022	International Journal for Research in Applied Sciences and Biotechnology
Expression of heat shock protein HSP90 in Genomic-DNA of chickpea (Cicer arietinum L.) by heat shock treatment	Jamella H. Rasheed	Prof. Dr.	International	2022	Academic Journal of Research and Science Publishing

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Histopathological changes on the pregnant rat's lung induced by sodium nitrite and monosodium glutamate	Sanabel A. AlThanoon	Assist. Prof. Dr.	Scopus	2022	Iraqi Journal of Veterinary Sciences
	Ameer M. Taha	Prof. Dr.			
Protective effect of quercetin against corneal toxicities induced by cisplatin in male mice	Semaa Ahmed Baker (Co-author)	Lec. Dr.	Scopus	2022	Iraqi Journal of Veterinary Sciences
Propagation protocol of the medicinal plant – Aloe vera using tissue culture	Qutaiba Shuaib Al-Nema	Assist. Prof. Dr.	Scopus	2023	SABRAO Journal of Breeding and Genetics
	Raghad M. Abdullah	Lec .Dr.			
The histological and histochemical structure of ileum in the slender-billed gull (Chroicocephalus genei)	Ameer M. Taha (Co-author)	Prof. Dr.	Scopus	2022	Iraqi Journal of Agricultural Sciences
The effects of Melatonin on Caspase-3 and antioxidant enzymes activity in rats exposed to anticancer drug	Ameer M. Taha (Co-author)	Prof. Dr.	Scopus	2023	Egyptian Journal of Chemistry
The effect of adding hydrogel to saline soil on the growth of Triticum aestivum L. growing under periods of drought	Mohammed Saeed Faisal	Prof. Dr.	Claravate	2022	BULLETIN OF ENVIRONMENT PHARMACOLOGY AND LIFE SCIENCES

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Histopathological and dose depended effects of Aspartame toxicity on liver and kidney of rats	Semaa Ahmed Baker (Co-auhor)	Lec .Dr.	International	2023	Journal of Applied Veterinary Sciences
Effect of Bisphenol A on hearts of pregnant mice and their fetuses	Raghad A. A. Najjar (Co-author)	Assist. Lec.	Scopus	2022	Indian Veterinary Journal
Application of microwave against protoscoleeces of Echinococcus granulosus in vitro and secondary hydatid disease in BALB/C mice	Asmaa Abdulaziz Ali (Co-author)	Prof. Dr.	Scopus	2022	HIV nursing
Effect of selenium nanoparticles against protoscoleeces of Echinococcus granulosus in vitro and hydatid cysts in mice	Asmaa Abdulaziz Ali (Co-author)	Prof. Dr.	Scopus	2022	Iraqi Journal of Veterinary Sciences
Separation and identification of a number of unsaturated fatty acids from different types of algae	Mira Ausama AL-Katib (Co-author)	Assist. Prof. Dr.	International	2022	International Journal of Applied Sciences and Technology
Allelopathic activity of the aqueous extracts of Cladophora and Spirogyraon the germination and growth of three cultivars of bread wheat Triticum aestivum L.	Mira Ausama Al-Katib (Co-author)	Assist. Prof. Dr.	International	2022	International Journal of Health Sciences

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Biosynthesis of gold nanoparticles by <i>Lyngbya</i> sp. Clon Zen/Mira 16 S ribosomal RNA gene and its antibacterial activity	Mira Ausama Al-Katib (Co-author)	Assist. Prof. Dr.	International	2022	International Journal of Health Sciences
Isolation and diagnosis of some fungi species and its use in the removing of phosphates from wastewater	Mira Ausama Al-Katib (Co-author)	Assist. Prof. Dr.	International	2022	TELEMATIQUE
Synergistic Efficiency Between types of fungi and algae for Wastewater treatment	Mira Ausama Al-Katib (Co-author)	Assist. Prof. Dr.	International	2022	Journal for Research in Applied Sciences and Biotechnology
The effect of a strategy based on analogical thinking on the acquisition of biological concepts by single – grade intermediate students	Wafaa Mahmood Younis	Prof. Dr.	Local	2022	Journal of Sustainable Studies
	Muhammed Abd Allah (Co-author)	Lec. Dr.			
The effect of the priority pyramid strategy in the development of biological survey among second-grade intermediate students	Wafaa Mahmood Younis	Prof. Dr.	Local	2022	Journal of Sustainable Studies
	Mira Ausama Al-Katib (Co-author)	Assist. Prof. Dr.			

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The effect of the preferences pyramid strategy on providing second-grade students with deep understanding skills	Wafaa Mahmood Younis	Prof. Dr.	International	2022	International Journal of Health Sciences
	Mira Ausama Al-Katib (Co-author)	Assist. Prof. Dr.			
The effect of a strategy based on analogical thinking on developing divergent thinking among second-grade intermediate students	Wafaa Mahmood Younis	Prof. Dr.	Local	2022	Iraqi Journal of Humanitarian , Social and Scientific Research
	Muhammed Abd Allah (Co-author)	Lec. Dr.			
Using Sequencing Technique for Diagnostic Different Species of Genus Rhizobium Which Isolated from Legume Plants	Najwa Ibrahim Khaleel Al-Barhawee (Co-author)	Assist. Prof. Dr.	Scopus	2022	Iraqi Journal of Science
Diagnosis of Agrobacterium tumefaciens by using pathogenic test and molecular assay polymerase chain reaction of gene-specific primers 16 S Rrna	Najwa Ibrahim Khaleel Al-Barhawee (Co-author)	Assist. Prof. Dr.	Scopus	2022	Jundishapur Journal of Microbiology

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Genotypic estimation of the biofilm formation of Staphylococcus aureus (MRSA) isolates from dental staff	Najwa Ibrahim Khaleel (Co-author)	Assist. Prof. Dr.	Scopus	2022	International Journal of Special Education
Phytochemical analysis of Annona atemoya seed extract by HPLC and their ability to inhibit growth of Agrobacterium tumefaciens	Najwa Ibrahim Khaleel	Assist. Prof. Dr.	Scopus	2023	Biodiversitas
	Yousra A. Abdalla	Lec. Dr.			