



College of Education for Pure Sciences – Department of Biology (DBI)
Published Researches in International and Local Journals 2024-2025

Article title	Lecturer name	Scientific title	Type of Research	Publication year	Journal title
A Rapid Method for In Vitro Plant Regeneration of Chia <i>Salvia hispanica</i> L.	Shifa Mahdi Saleh	Prof. Dr.	Scopus	2025	Yuzuncu Yil University Journal of Agricultural Sciences
Sonication Assisted Callus Growth, Protein Content, and Plant Regeneration of <i>Silybum marianum</i> L.	Shifa Mahdi Saleh	Prof. Dr.	Scopus	2024	Basrah Journal of Agricultural Sciences
Identification study of <i>Vicia faba</i> genotypes based on seed properties and mineral content	Amer Muhsin Mahmood , Noor Nabeel Yahya, Muna Omar Mohamed , Kamal Benyamin Escho	Prof. Dr. , Lec. Dr. , Asssit .Lec. Assist .Prof .Dr.	Scopus	2024	Kufa Journal for Agricultural Sciences
Insights on the antibacterial activities of nanoparticles	Mohammed Zaghlool Saeed , Ammar Ghanem Ameen, Nawar Talal Hamid	Lecturer, Asssit. Lec. ,Lectuerer	local	2025	NTU Journal of Pure Sciences
In silico screening of flavonoids targeting chromosomal replication initiator protein as a molecular target for new antibiotics in <i>Shigella dysenteriae</i> .	Mohammed Zaghlool Saeed	Lecturer	Scopus	2024	Innovaciencia

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The Immunohistochemical Study of Doxorubicin on Liver and Kidney Tissues in albino Rats	Snabel Abdel-Moonem Abdel-Majeed	Assit. Prof .Dr.	Scopus	2025	<i>IOP Conf. Ser.: Earth Environ. Sci</i>
Determining the Levels of Few Inflammatory Cytokines in Lab Animals Exposed to Various Concentrations of Salmonella typhi Lipopolysaccharides	Dhuha Jasim Mohammed , Safaa Ismael Rasheed	Lec.Dr.,Lec.Dr.	International	2024	Central Asian Journal of Theoretical and Applied Science
Cobalt Toxicity Induces Anomalies in the Nucleus of Erythrocytes in Coturnix Japonica	Amal Abdelilah Al-Khashab	Assit. Prof .Dr.	Scopus	2025	<i>IOP Conf. Ser.: Earth Environ. Sci</i>
Induction of Nuclear Abnormalities in Erythrocytes of Alburnus Mossulensis Following Exposure to Chromium	Amal Abdelilah Al-Khashab	Assit. Prof .Dr.	Scopus	2025	<i>IOP Conf. Ser.: Earth Environ. Sci</i>
Effect of cobalt chloride on some antioxidants and Lipid Peroxidation in the Liver of Coturnix coturnix Japonica	Amal Abdelilah Al-Khashab	Assit. Prof .Dr.	Local	2025	Journal of Wahj Al-Ulom for Pure Sciences
The difference in the Physiological response of the wheat plant to the effect of algae extracts and hydrogel	Mira Ausama Al-Katib	Assit. Prof .Dr.	Local	2024	Al-Kitab Journal for Pure Sciences

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Cosmopolitan but still untapped: Antimicrobial, antibiofilm and in silico molecular docking study on <i>Caulerpa racemosa</i>, <i>Dictyopteris polypodioides</i> and <i>Padina pavonica</i>	Mira Ausama Al-Katib	Assist. Prof .Dr.	Scopus	2025	Algal Research
Application of the Canadian Index (CCME WQI) to Assess Water Quality for Aquatic Life: A Case Study of Water Quality for the Khoser and Tigris Rivers in the North of Nineveh Governorate	Azhar Younis Redha, Abdulaziz Younis Talea, Mira Ausama Al-Katib	Lec., Prof.Dr. , Assit Prof. Dr.	Scopus	2024	Egyptian Journal of Aquatic Biology & Fisheries
Estimation of Indole-3-Acetic Acid Production from New Molecularly Characterized Rhizobacterial Strains	Najwa Abraheem Khalel	Prof.Dr.	Scopus	2025	J. Glob. Innov. Agric. Sci.
Molecular and Biochemical Characterization of Rhizobacterial Isolates from Agricultural Soils and Estimation of Indole -3- Acetic Acid Production	Najwa Abraheem Khalel	Prof.Dr.	Scopus	2025	<i>IOP Conf. Ser.: Earth Environ. Sci</i>
Similarity and distance indices among <i>Pseudomonas savastanoi</i> strains isolated from <i>Olea europaea</i> trees in Mosul city	Raghad Nawaf Jerjees, Mohammed Abdeilah Mohammed	Assit. Prof. Dr., Assit Prof .Dr.	Scopus	2025	Microbial Biosystems
ROSA L. SPECIES IDENTIFICATION USING THE RBCL GENE IN KURDISTAN REGION, IRAQ	Amer Muhsin Mahmood , Muna Omar Mohamed	Prof.Dr. , Asssit .Prof. Dr.	Scopus	2025	SABRAO Journal of Breeding and Genetics

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Morphological, biochemical, and molecular identification of <i>Curtobacterium flaccumfaciens</i> isolated from <i>Olea europaea</i> trees	Ghazwan Kasim Hasan	Assit .Prof .Dr.	Scopus	2024	UNEC Journal of Engineering and Applied Sciences
Genetic diagnosis of phytopathogenic <i>Agrobacterium tumefaciens</i> isolates from <i>Cydonia oblonga</i> trees by PCR using 16SrRNA primers	Raghad Nawaf Jerjees	Assit .Prof .Dr.	Scopus	2025	Regulatory Mechanisms in Biosystems
Isolation, diagnosis, and antibiotic resistance of the plant pathogen <i>Erwinia tracheiphila</i>	Ahmed Nabeel Saeed ,Najwa Ibraheem Khaleel	Assit lec.	local	2024	NTU Journal of Pure Sciences
Inhibition of Biofilm Formation in <i>Agrobacterium tumefaciens</i> by Cell Free Supernatants of <i>Pseudomonas aeruginosa</i> Analyzed by GC-MS	Najwa Ibraheem Khaleel	Prof. Dr.	Scopus	2024	Baghdad Science Journal
Investigate the Antimicrobial Activity of Methanolic Extract of <i>Cladophora glomerata</i>	Zain Albden Hamza Abbas, Younis Sadee Saeed	Lec.Dr. , Assit. Prof. Dr.	Scopus	2024	Journal of Communicable Diseases
Effect of Hot Alcoholic Extract of Algae, <i>Enteromorpha ralfsii</i> on the Mortality and Emergence Rate of Housefly <i>Musca domestica</i>	Zain Albden Hamza Abbas	Lec.Dr. ,	International	2024	Intl J Agric Biol
Antimicrobial & Antioxidant Activity of a Novel Exopolysaccharide Production by <i>Pseudomonas Savastanoi</i> pv. <i>Savastanoi</i> Bacterium Isolated from Olive Knot	Raghad Nawaf Jerjees	Assit .Prof .Dr.	local	2024	Sumer Journal for Pure Science

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UVA&UVC STIMULATE CONJUGATION BETWEEN AGROBACTERIUM TUMEFACIENS (Ag2) AND RHIZOBIUM LEGUMINOSARUM BV. TRIFOLII	Raghad Nawaf Jerjees, Najwa Ibraheem Khaleel	Assist.Prof. Dr., Prof.Dr.	International	2024	International Journal of Applied Sciences and Technology
Purity and Characterize the Killer Proteins Produced by Saccharomyces cerevisiae Strains Saccharomyces cerevisiae Strains	Hiba Hadi Al-Dabbagh, Najwa Ibraheem Khaleel, Fatin Noori Mula-Abd	Lec.Dr., Prof.Dr. Assit.Prof .Dr.	Local	2024	BioMed Visions Journal
Larvicidal effect of zirconium oxide nanoparticles in protoscoleces of hydatid cysts in the laboratory and mice	Asmaa Abdel-Aziz Ali	Prof. Dr.	Scopus	2024	Iraqi Journal of Veterinary Sciences
Zirconium oxide nanoparticles: Protocolicidal effect against hydatid cyst protoscoleces with interleukins evaluation in mice	Asmaa Abdel-Aziz Ali	Prof. Dr.	Scopus	2024	Iraqi Journal of Veterinary Sciences
The Role of Probiotics in Treating Echinococcosis in Mice	Asmaa Abdel-Aziz Ali	Prof. Dr.	Scopus	2024	Iraqi Journal of Science
Measurement of Interleukins in Mice Treated with Pro-30 Max Probiotics and Injected with Protoscoleces of Echinococcus granulosus	Asmaa Abdel-Aziz Ali	Prof. Dr.	Local	2024	Rafidain Journal of Science
The Effectiveness of Bio-Silver Nanoparticles in Treating Wastewater from the Khosar River	Azhar Younis Redha, Mira Ausama Ahmed ,Abdel-Aziz Younis Talea	Lec., Assist. Prof. Dr. , Prof. Dr.	Scopus	2025	Egyptian Journal of Aquatic Biology & Fisheries