

**Faculty research published for the period from 1/1/2016 to 31/12/2016
for the Department of General Sciences**

No.	Author	Title	Journal Name	Category	Year of Publication	Article Link URL
1	Khalid Dfeek Ahmed	Effect of fibrolytic enzymes on serum testosterone level and some of carcass traits in Turkish Awassi male lambs	Indian Journal Of Animal Research	Scopus	2016	Link
2	Khalid Dfeek Ahmed	Effect of adding some fungal enzymes and yeast to Turkish Awassi lambs on their productive performance and apparent digestion coefficient	Kufa Journal of Agricultural Sciences	Iraqi local magazine	2016	Link
3	Khalid Dfeek Ahmed	The effect of adding bread yeast to the diet of Turkish Awassi lambs on the level of testosterone and the balance of the internal organs of the body	Karbala Journal of Agricultural Sciences	Iraqi local magazine	2016	Link
4	Zaid Abdul-Jabbar Abdullah	The Possibility of Enhancing Some Mechanical Properties of Ferro-Cement Mortar by Waste Plastic Fibers	ZANCO Journal of Pure and Applied Sciences	Iraqi local magazine	2016	Link

**Faculty research published for the period from 1/1/2018 to 31/12/2018
for the Department of General Sciences**

No.	Author	Title	Journal Name	Category	Year of Publication	Article Link URL
1	Ahmed Farhan Ramadan	Phytotoxicity of plantago major extracts on germination and seedling growth of purslane portulecaolerceus	Plant Archives	Scopus	2018	Link

Faculty research published for the period from 1/1/2019 to 31/12/2019 for the Department of General Sciences

No.	Author	Title	Journal Name	Category	Year of Publication	Article Link URL
1	Khalid Dfeek Ahmed	Effect of using the saccharomyces cerevisiae on the some production traits and carcass characters of the local rabbits	Plant Archives	Scopus	2019	Link
2	Rashid Khalil Dahir	Frequency – Frequency interactions in chaos communications	Baghdad Science Journal	Scopus	2019	Link
3	Noaman Farouq Noaman	Silver Nanoparticles Anchored 5-methoxy benzimidazol thiomethanol (MBITM): Modulate, Characterization and Comparative Studies on MBITM and Ag-MBITM Antibacterial Activities	Journal of Physics: Conference Series	Scopus	2019	Link
4	Noaman Farouq Noaman	Synthesis, Characterizations of some new 6-flouro-2-amino benzothiazole derivatives and Study their biological activity	Journal of Cellular Automata	Scopus	2019	Link
5	Noaman Farouq Noaman	Synthesis, Characterization and Antimicrobial Activity Study of Some New Substituted Benzoxazole Derivatives	Baghdad Science Journal	Scopus	2019	Link
6	Muhammad Najeeb Jasim	Preparation And Characterization Of Zno: Sno2 Nanocomposite Thin Films On Porous Silicon As H2s Gas Sensor	Journal of Ovonic Research	Scopus	2019	Link
7	Muhammad Najeeb Jasim	Synthesis of ZnO-SnO2 Nano-Thin Films on Porous Silicon as NH Gas Sensing Performance	Journal of Engineering and Applied Sciences	Scopus	2019	Link
8	Rashid Khalil Dahir	Frequency – Frequency interactions in chaos communications	Iraqi Journal of Physics	Iraqi local magazine	2019	Link

Faculty research published for the period from 1/1/2019 to 31/12/2019 for the Department of General Sciences

9	Rashid Khalil Dahir	Control of nonlinear dynamics in semiconductor laser with optoelectronic feedback	Iraqi Journal of Physics	Iraqi local magazine	2019	Link
10	Ahmed Farhan Ramadan	Influence of ground and foliar fertilization on vegetative proprieties and volatile oil for <i>origanum vulgare</i> L	Kufa Journal of Agricultural Sciences	Iraqi local magazine	2019	Link
11	Ahmed Farhan Ramadan	The effect of type and wounding of cutting s in rooting ability of <i>buxus sempervirens</i> L. cuttings	Iraqi Journal of Agriculture Rafidain	Iraqi local magazine	2019	Link
12	Ali Rabiea Hussein	The effect of sustaining some meta-knowledge strategies in the achievement of science and the development of innovative thinking among first-average students	Journal of the College of Education	Iraqi local magazine	2019	Link

**Faculty research published for the period from 1/1/2020 to 31/12/2020
for the Department of General Sciences**

No.	Author	Title	Journal Name	Category	Year of Publication	Article Link URL
1	Ahmed Farhan Ramadan	Determination of some chemical compounds and the effect of crude extract from moringa oleifera on some pathogens	Biochem .Cell.Arch	Scopus	2020	Link
2	Saad Jassim Muhammad Muhammad Najeeb Jasim	Calculating the Nanometer Diameters of The Grains ZnO: SnO ₂ Composite Depending On The SEM Image Analysis	IOP Conference Series: Materials Science and Engineering	Scopus	2020	Link

**Faculty research published for the period from 1/1/2021 to 31/12/2021
for the Department of General Sciences**

No.	Author	Title	Journal Name	Category	Year of Publication	Article Link URL
1	Mohammed Hameed Mohammed	Cognitive perception anxiety and its relationship to academic procrastination among university students	Journal Nasaq	Iraqi local magazine	2021	Link
2	Mohammed Hameed Mohammed	Strategies of self-organized learning and its relationship to achievement struggle among middle school students	Journal Psychological Science	Iraqi local magazine	2021	Link

**Faculty research published for the period from 1/1/2022 to 31/12/2022
for the Department of General Sciences**

No.	Author	Title	Journal Name	Category	Year of Publication	Article Link URL
1	Malath A. Hamed	The Effect of Brassinolide on the Yield Components, Seed and Oil Yields of some Sunflower Cultivars	Journal of Plant Production	Scopus	2022	Link
2	Mohammed N. Jasim Ahmed Kareem Sameer	The Study of Optical and Structural Properties of NiO -SnO ₂ : CdO Nanostructures Thin Films	Iraqi Journal of Nanotechnology	Iraqi local magazine	2022	Link
3	Ali Rabie Hussein	The effect of Hawkins and Barman models on the achievement and intuitive thinking of fourth-grade students in science in biology	Iraqi Journal of Humanitarian, Social and Scientific Research	Iraqi local magazine	2022	Link

Faculty research published for the period from 1/1/2023 to 31/12/2023 for the Department of General Sciences

No.	Author	Title	Journal Name	Category	Year of Publication	Article Link URL
1	Malath Abdulmuttalib Hamed	Effect of plant distance and cultivation methods on the growth and yield of three sesame cultivars	Bionatura	Scopus	2023	Link
2	Malath Abdulmuttalib Hamed	Investigating Sowing Date and Foliar Application of Boron Effects on some Growth and Yield Parameters of Sesame (Sesamum indicum L.)	IOP Conference Series: Earth and Environmental Science.	Scopus	2023	Link
3	Saad Jasim Moammed	Calculation of total stopping power of the radioactive isotopes of carbon-14 and florine-18 used to treat cancer patients	AIP Conference Proceedings	Scopus	2023	Link
4	Saad Jasim Moammed	Calculation of protons stopping power in yttrium-90 and iodine-131 radioactive isotopes	AIP Conference Proceedings	Scopus	2023	Link
5	Noman Farouk Noman Khalid Dfeek Ahmed	Antiproliferative and antimicrobial studies of novel organic-inorganic nanohybrids of ethyl 2-((5-methoxy-1H-benzo [d] imidazol-2-yl) thio) acetate (EMBIA) with TiO ₂ and ZnO	Journal of Molecular Structure	Clarivate & Scopus	2023	Link
6	Noman Farouk Noman	Ultrasound assisted rapid synthesis of Pd/PdO binary nanorod alloy as hydrogen storage enhancer for GO-Pd/PdO nanocomposite	Chemical Data Collections	Scopus	2023	Link
7	Mohammed Najeeb Jasim	Concentration effect on the vibrational and electronic properties of MgXZn ₇ -XO ₇ wurtzoids nanostructure via DFT	Journal of Nanomaterials and Biostructures	Clarivate & Scopus	2023	Link

Faculty research published for the period from 1/1/2023 to 31/12/2023 for the Department of General Sciences

8	Khalid Dfeek Ahmed	effect of aqueous extract of triticum aestivum and aloe vera on some blood traits in local female rabbits	Anbar journal of agricultural sciences	Iraqi local magazine	2023	Link
9	Ali Rabie Hussein Mohammed Hameed Mohammed	Cognitive dissonance and its relationship to self-regulation among university students	Lark Journal of Philosophy, Linguistics and Social Sciences	Iraqi local magazine	2023	Link
10	Zayd Abdul-Jabbar Abdullah	The assessment of using fiber produced from plastic broom bristles on the impact property of normal-weight concrete slabs	Al-Qadisiyah Journal for Engineering Sciences	Iraqi local magazine	2023	Link

Faculty research published for the period from 1/1/2024 to 31/12/2024 for the Department of General Sciences

No.	Author	Title	Journal Name	Category	Year of Publication	Article Link URL
1	Malath Abdulmuttalib Hamed	THE INFLUENCE OF ORGANIC FERTILIZER (POTASSIUM HUMATE) ON THE GENETICS, PHENOTYPIC VARIATIONS, AND HERITABILITY OF WHEAT VARIETIES	Anbar Journal of Agricultural Science	Scopus	2024	Link
2	Malath Abdulmuttalib Hamed	GENETIC VARIABILITY AND PATH COEFFICIENT ANALYSIS FOR THREE-WAY CROSS IN MAIZE	SABRAO Journal of Breeding and Genetics	Clarivate & Scopus	2024	Link
3	Nuaman Faroq Nuaman	Hydrogen Storage Studies of Nanocomposites Derived From O-Ethyl-S-((5-Methoxy-1H-Benzo[d]Imidazol-2-Yl)Carbonothioate (OESMBIC) With ZnO and TiO ₂ Nanoparticles	Energy Storage	Clarivate & Scopus	2024	Link
4	Aws Zaben Abdulmajeed	Kinetic Properties of Glutamate Carboxypeptidase II Partially Purified from Leukodystrophy Patient's Serum	ACS Chemical Neuroscience	Clarivate	2024	Link
5	Osama taha hummadi	The Toxicity and Repellent Activities of some Commercial Products Against Apricot Aphids, Hyalopterus pruni (Geoffroy(IOP Conference Series: Earth and Environmental Science, 2024, 1371(3), 032018	Scopus	2024	Link
6	Osama taha hummadi	The Aphicidal and Repellent Activities of Oxymatrine, Bacillus amyloliquefaciens, Nimbecidine and Spinosad against Adults of Oleander Aphids (Aphis nerii Boyer De Fonscolombe...	journal/agricultural-science-digest	Scopus	2024	Link

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7	Zaid Abd-Al Jabbar Abdullah	Total Crashes Rates Modeling Using the Random Parameters Tobit Model (RPTM)	Mathematics for Applications	Scopus	2024	Link
8	Sumood Al-Hadithy	An efficient method for removing toluidine blue and malachite green from industrial wastewater using limestone as an adsorbent surface	Analytical Methods in Environmental Chemistry Journal	Scopus	2024	Link
9	Luma Dali Ibrahim	Antibacterial and antibiofilm activity of cinnamic acid against Multidrugresistant bacteria isolated from Ramadi Teaching hospitals, Iraq	Journal of Applied and Natural Science	Scopus	2024	Link
10	Luma Dali Ibrahim	Assessment of IL-6 and Evaluation of pharmaceutical compounds on biofilm-forming- Acinetobacter baumannii isolated from patients with urinary tract infection	Journal of Bioscience and Applied Research	Scopus	2024	Link
11	Mohammed Najeeb Jasim	size effects on the electronic and vibrational properties of MgO wurtzoids: A density functional theory study	Conference Proceedings AIP Publishing	Scopus	2024	Link
12	Mohammed Najeeb Jasim	Tunable Optical and Sensing Properties of CdO and CdO-In2O3 thin Films for NH3 Detection	Journal of Environmental Nanotechnology	Scopus	2024	Link
13	Mohanad ragheb jasim	Effect of Reinforcement Materials and Immersion Medium on Physical Properties of Epoxy Composite	AIP Conf. Proc. 3036, 050009 (2024)	Scopus	2024	Link

**Faculty research published for the period from 1/1/2024 to 31/12/2024
for the Department of General Sciences**

14	Ahmed Jaber Karkoush	STRUCTURE, MECHANISM, AND ROLE OF IRISIN IN CERTAIN PATHOLOGICAL DISORDERS	European Journal of Modern Medicine and Practice	International Magazine	2024	Link
15	Luma Dali Ibrahim	Irisin and its physiological effects on metabolic processes in the human body	Journal of University of Anbar for Pure Science (JUAPS)	Local	2024	Link

Faculty research published for the period from 1/1/2025 to 31/12/2025 for the Department of General Sciences

No.	Author	Title	Journal Name	Category	Year of Publication	Article Link URL
1	Dr.Ahmed Rajab Mohmmmed	ENHANCING THE VIABILITY AND VIGOR OF SELECTED SUNFLOWER SEEDLINGS THROUGH HORMONAL PRIMING TECHNIQUES	Anbar Journal of Agricultural Sciences	Q3	2025	Link
2	Nuaman F. Alheety	Molecular Docking Studies of Novel Benzimidazole Macromolecules	Macromolecular Symposia	Q3 Scopus & Web of Science	2025	Link
3	Nuaman F. Alheety	Synthesis and In Silico Study of Silver Nanoparticles Composite with Novel Schiff Base	Macromolecular Symposia	Q3 Scopus & Web of Science	2025	Link
4	Nuaman F. Alheety	Benzimidazole Macromolecules from 2-Mercaptobenzimidazole: Synthesis, Characterization, and Molecular Docking Studies	Macromolecular Symposia	Q3 Scopus & Web of Science	2025	Link
5	Nuaman F. Alheety	Synthesis, characterization, DFT and molecular docking of novel organic-inorganic nanohybrids synthesized from silver nanoparticles with	Journal of the Indian Chemical Society	Q2 Scopus &	2025	Link

Faculty research published for the period from 1/1/2025 to 31/12/2025 for the Department of General Sciences

		benzothiazole derivatives		Web of Science		
6	Nuaman F. Alheety	Benzimidazole Derivatives as Potential Inhibitors of Monkeypox A41 Protein: DFT Calculations, Molecular Docking, ADME, and Toxicity Assessments	ChemistrySelect	Scopus & Web of Science	2025	Link
7	Nuaman F. Alheety	Benzimidazole Derivatives: A Review of Advances in Synthesis, Biological Potential, Computational Modelling, and Specialized Material Functions	Chemistry	Q2 Scopus & Web of Science	2025	Link
8	Nuaman F. Alheety	Chapter 8 - Biocompatible nanoscaled piezoelectric and dielectric materials: Fabrication, structure, and properties	Elsevier	Scopus	2025	Link
9	Nuaman F. Alheety	Influence of Ring Size on Hydrogen Storage Performance of cis-Aziridine Derivatives: A Thermodynamic Investigation	Macromolecular Symposia	Scopus	2025	Link
10	Nuaman F. Alheety	Color Fastness of Newly Synthesized Thiadiazole Derivatives According to ISO 105 on Cotton Fiber	Macromolecular Symposia	Scopus	2025	Link

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11	Nuaman F. Alheety	Synthesis and Characterization of Benzimidazole-Based Scaffolds	Macromolecular Symposia	Scopus	2025	Link
12	Nuaman F. Alheety	Molecular Docking of Benzimidazole Derivatives as Potential Serotonin Transporter (SERT) Inhibitors in Depression Disease	Macromolecular Symposia	Scopus	2025	Link
13	Nuaman F. Alheety	Structure-Based Design and ADME Screening of Benzimidazole Derivatives as Potential Therapeutics for Human Metapneumovirus (HMPV)	Macromolecular Symposia	Scopus	2025	Link
14	Muthana Badeea Farhan	Impact of zinc-mediated nutritional immunity on uropathogenic Escherichia coli (UPEC) virulence gene expression in female recurrent UTI patients	Medicine in Microecology	Scopus Q2	2025	Link
15	Muthana Badeea Farhan	Bacterial Study of Potable Water Storage Tanks of Houses in Some Anbar Districts	Frontiers in Health Informatics	Scopus Q4	2025	Link
16	Muthana Badeea Farhan	Bioremediation Techniques for Water and Soil Pollution: Review	Natural and Engineering Sciences	Scopus Q3	2025	Link

Faculty research published for the period from 1/1/2025 to 31/12/2025 for the Department of General Sciences

17	Saad Jasim Mohammed	Calculating cross sections & neutron yield of alpha particles incident (33-AS-75 (A, N)35-BR-78)	Journal of Physics: Conference Series	Scopus	2025	Link
18	Saad Jasim Mohammed	Calculate the cross sections for ^{235}Th (α, n) ^{238}U by the revers reaction for the ground state	Alp Conference Proceedings	Scopus	2025	Link
19	Abd-Ulrahman Dhafer Sabah	Electrochemical supercapacitors of PPy/GO-CoO prepared by hydrothermal method for energy storage	Ionics	Scopus Q2	2025	Link
20	Mohammed Najeeb Jasim	Green Synthesis, Characterization and Medicinal Applications of Zinc Oxide Nanoparticles	J. Environ. Nanotechnol	Scopus Q4	2025	Link
21	Mohammed Najeeb Jasim	Synthesis and characterization of thermochemical spray nickel oxide-cobalt oxide Nano composite As a CO ₂ gas sensor	Samarra Journal of Pure and Applied Science		2025	Link
22	Sumood Al-Hadithy	Reduced graphene oxide surface modification with nanoparticles and its efficiency in removing crystal violet	RSC Advances	Q1	2025	Link

Faculty research published for the period from 1/1/2025 to 31/12/2025 for the Department of General Sciences

		and malachite green dyes from wastewater				
23	Sumood Al-Hadithy	Color Fastness of Newly Synthesized Thiadiazole Derivatives According to ISO 105 on Cotton Fiber	Macromolecular Symposia	Q3	2025	Link
24	Sumood Al-Hadithy	Green synthesis of CuO nanoparticles using thyme extract and their application as cephalexin carriers against Klebsiella pneumoniae	Nanoscale Advances	Q1	2025	Link
25	Luma Dali, ^a Sumood Al-Hadithy, ^a Aws Z. Abdulmajeed, and M. A. Hamed ^a Alauddin M. Mahdi	Green synthesis of CuO nanoparticles using thyme extract and their application as cephalexin carriers against Klebsiella pneumoniae	Nanoscale Advances	Q1	-2025	Link
26	Aws Z. Abdulmajeeda, [*] AlaUddin M. Mahdib, ^{**} Lubna W. Mohammedb, Liqaa Hussainc, Luma D. Ibrahim a, and Ali M. Saliha	Synthesis and Efficacy Study of Graphene Oxide for Removal of Radioactive Iodine I-131 in vitro and in vivo	Russian Journal of Physical Chemistry A	Q4	2025	Link