

Department of Pharmaceutics

Article Title	Authors	Journal/Publisher	Date/Status
Formulation and Evaluation of Olanzapine Oral Lyophilisates	Rasha Khalid Shaker, Fadia Yaser Abdulghani, Maisar Mohammed Ali, Moatasem Rawas	Pharmakeftiki	April 2024, Published (Scopus)
Topical HPMC/Carbopol 934 Gel for Wound Healing: Formulation and in-Vivo Evaluation	Fadia Yaser Abdulghani, Sara Taha Ismail	Pharmakeftiki	June 2024, Published
DESIGN AND EVALUATION OF PROPOLIS-LOADED BUCCAL PATCHES	Ali Alazzo, Amina Mudhafar Al-Nima, Mohammed Nooraldeen Al-Qattan	J. Fac. Pharm. Ankara	2024, Published
Physicochemical Comparison of Soaps Produced from Fresh, Cooked, and Naturally Treated Oils	Amina Mudhafar Al-Nima	Iraqi Journal of Pharmacy	2025, Published
Unrevealing the Total Phenols, Total Flavonoids, Antioxidant, Anti-inflammatory, and Cytotoxic Effects of Garden Cress Seed Ethanolic Extracts	Noora Th. Aldabbagh, Eman Tarek Mohammed, Raghad Riyadh Khalil, Yasser Fakri Mustafa	Review of Clinical Pharmacology and Pharmacokinetics (International Edition)	2024, Published

Article Title	Authors	Journal/Publisher	Date/Status
A Green, Solvent- and Cation-Free Approach for Preparing 5-Fluorouracil-Loaded Alginate Nanoparticles Using Microfluidic Technology	Abdolelah Jaradat, Ali Alazzo, Mohammad F. Bayan, Wasfy Obeidat	Pharmaceutics	March 2025, Published
The Effect of Preparation Technique on the Properties of Alginate Floating Beads	Ali Abdel Hakim, Mohannad Abdul Sattar	The Thai Journal of Pharmaceutical Sciences	Dec 2024, Published
MICROEMULSION: A Potential Approach for Transdermal Delivery of Sildenafil Citrate	Ali Alazzo, Mohanad Alfahad, Mahmood HM Jasim, Radhwan Nidal Al-Zidan	Military Medical Science Letters	July 2024, Published
Enhancing the Entrapment Efficiency of Alginate Floating Beads Using Double Emulsion Technique	Ali Alazzo, Alaa Altaie, Radhwan Al-Zidan, Hayder Alhamdany, Noralhuda Akram Yahya, Noora Th Aldabbagh	Journal of Pharmaceutical Innovation	June 2024, Published
Three-Dimensional Printing of Colon-Targeting Drug Delivery Systems (CTDDS)	Fahad Raad Salim Altalib, Omar A Hamid	International Journal of Pharmaceutical Investigation	2025, Published
In-situ Gelling System: A Promising Delivery Method for	Abdulla Riyadh Al-Dabbagh, Mohanad Alfahad, Zeyad A Hameed	Iraqi Journal of Pharmacy	Sept 2024, Published

Article Title	Authors	Journal/Publisher	Date/Status
Treating Periodontitis			
Role of Bee Propolis and Vitamin E in Attenuating Doxorubicin-induced Hepatic Toxicity in Rats	Hodhaifa Abdul Mohsin, Mohannad E Qazzaz, Mohanad Alfahad	Al-Anbar Medical Journal	April 2025, Published

Department of Pharmacology

Article Title	Authors	Journal/Publisher	Date/Status
Non-Nutritive Sweeteners Modulated Creatinine and Urea Levels in White Albino Rats	Mohammed Nazem Mohammed Ali, Musab Mohammed Khalaf, Zina Abdulmoneim Abdulmajid	Scopus	Published
Trihexyphenidyl Has a Psychostimulant-like Effect on Mice	Zina Abdulmoneim Abdulmajid, Luay Ahmed Mohammed, Farah Ramzi, Marwan Mohammed Mirkhan	Scopus	Published
Trimetazidine Protects Against Acute Indomethacin-induced Gastric Mucosal, Hepatic, and Renal Injury in Rats	Zina Abdulmoneim Abdulmajid	Scopus	Published
Update on the Use of Methotrexate in the	Zina Abdulmoneim Abdulmajid	Scopus	Published

Article Title	Authors	Journal/Publisher	Date/Status
Management of Rheumatoid Arthritis			
Inositol Improved Lipid Parameters in Women with Polycystic Ovary Syndrome	Zina Abdulmoneim Abdulmajid	Scopus	Published
Comparative Effects of Metformin, Inositol, and CoQ10 on Metabolic Parameters and Fertility Hormones in Insulin-resistance Infertile Women	Zina Abdulmoneim Abdulmajid	Scopus	Published
Ketamine as a Treatment of Stress-induced Maternal Depression in Mice: Effects on Offspring Behaviour	Zina Abdulmoneim Abdulmajid	Scopus	Published
Hemoinflammasome Potential of Oral Contraceptive Pills in Women at Child-Bearing Age	Zina Abdulmoneim Abdulmajid, Marwan Mohammed Mirkhan	Scopus	Published
CoQ10 Improved Liver Function and Redox Status in Pollution-exposed Workers	Zina Abdulmoneim Abdulmajid, Marwan Mohammed Mirkhan	Scopus	Published

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Potential Dietary Supplement-drug Interactions: Fat-soluble Vitamins	Batool Ibrahim, Fawaz Abdulghani Mustafa	Scopus	Published
Adulteration of Hypoglycemic Products: The Silent Threat	Fawaz Abdulghani Mustafa, Mohammed Najm Abdul	Scopus	Published
The Interplay of Angiotensin Receptor Blockers and Hematological Abnormalities: Insights and Implications	Fawaz Abdulghani Mustafa, Mohammed Najm Abdul	Scopus	Published
Beyond Blood Sugar: Exploring the Anti-inflammatory Frontier of Antidiabetic Medications to Alleviate Diabetic Complications	Fawaz Abdulghani Mustafa, Mohammed Najm Abdul	Scopus	Published
Melatonin as a Potential Treatment Option in Diabetes Complications	Fawaz Abdulghani Mustafa, Mohammed Najm Abdul	Scopus	Published
Investigating the Nephrotoxic Effects of Medroxyprogesterone in Female Albino Rats	Mohammed Najm Abdul, Fawaz Abdulghani Mustafa, Mohannad Emad	Scopus	Published

Article Title	Authors	Journal/Publisher	Date/Status
Impact of Calcium Channel Blockers and Angiotensin Receptor Blockers on Hematological Parameters in Type 2 Diabetic Patients	Mohammed Najm Abdul, Fawaz Abdulghani Mustafa	Scopus	Published
Mechanisms and Linkage of Insulin Signaling, Resistance, and Inflammation	Fawaz Abdulghani Mustafa, Mohammed Najm Abdul	Local Journal	Published
Consequence of Antivirals Versus Standard Care on Clinical Situation in Patients With COVID-19	Fawaz Abdulghani Mustafa (with others)	Scopus	Published
The Regulatory Role of Erythropoietin in Diabetes Mellitus: A Focus on Oxidative and Glycemic Statuses	Fawaz Abdulghani Mustafa, Mohammed Najm Abdul	Scopus	Published
Exploring the Interplay between Vitamin D, Insulin Resistance, Obesity and Skeletal Health	Mohammed Najm Abdul, Fawaz Abdulghani Mustafa, Mohannad Emad	Scopus	Published
Antidiabetic Agents and Bone Quality: A Focus on Glycation End Products and	Fawaz Abdulghani Mustafa, Mohammed Najm Abdul	Scopus	Published

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Incretin Pathway Modulations			
Histological Study of the Protective Role of CoQ10 on Doxorubicin-induced Cardiopulmonary pathology in White Albino Rats	Shahd Saleh Al-Deen, Iman Abdullah, Sura Diaa	Scopus	Published
Atomoxetine Dossier: A Comprehensive Review	Sura Diaa, Iman Abdullah	—	Completed
The Antihyperlipidemic Effects of Coenzyme Q10 and Gemfibrozil on Hyperlipidemic Male Rats: A Comparative Study	Shahd Saleh Al-Deen, Shahd Mohsen, Dua Khalid	Scopus	Published
The Effects of L-Carnitine in Reducing Hepatotoxicity of Statins in Rats	Dua Khalid, Shahd Adel	Scopus	Published
Recent Developments in Promising Hormonal and Non-Hormonal Male Contraceptives: A Review	Dua Khalid	International Journal	Published
MIRABEGRON Induced Relaxation	Hani Muheydi	Scopus	Published

Article Title	Authors	Journal/Publisher	Date/Status
of Isolated Bovine Coronary Segments: Role of NO and K ⁺ Channel			
Sun Exposure and Usage of Sun Protection: Knowledge, Perception and Practice among University Students	Shahd Mohsen (with others)	Scopus	Published
The Protective Effect of Milk of Thistle Against Drug-induced Renal Illnesses: A Review	Musab Mohammed	International Journal	Published

Department of Clinical Laboratory Sciences

Article Title	Authors	Journal/Publisher	Date/Status
Incretin-Based Therapies: A Promising Approach For Modulating Oxidative Stress	Mohammed Najm Abdul	Journal of Bone Metabolism	2024, Published (Scopus)

Article Title	Authors	Journal/Publisher	Date/Status
and Insulin Resistance in Sarcopenia			
Hematological and Thermographical Changes in Rat's Model Exposed to Long-term RF Modulated Signals	Omar Bassam Saleh	Open Veterinary Journal	2024, Published (Scopus)
Synthesis of Eugenol-Derived Coumarins as Broad-Spectrum Biosafe Antimicrobial Agents	Islam Khalid, Atyaf Talal	Russian Journal of Bioorganic Chemistry	2024, Published (Scopus)
Coumarin Backbone as a Door-opening Key for Investigating Chloroxlenol as Oral Antimicrobial Agents: An In vitro In Silico Study	Atyaf Talal, Islam Khalid	Russian Journal of Bioorganic Chemistry	2024, Published (Scopus)
Enhanced Inhibitory Effects of GABA on Renal and Hepatic Function, Molecular Profiles, and Histological Changes in Male Albino Mice	Mohammed Abdullah Ajil	Open Veterinary Journal	2024, Published (Scopus)
Sustainable Strategy and Rapid Naked Eye Performance of Novel Cu@SG Nanosensor for Detection of Glyphosate in Aquatic Models	Sabah Sobhi Ismail	Desalination and Water Treatment	2024, Published (Scopus)
RLS Adaptive Filter Co-design for De-noising ECG Signal	Safaa Mohammed Zaki	Results in Engineering	2024, Published (Scopus)

Article Title	Authors	Journal/Publisher	Date/Status
Interaction of Hemoglobin-F, Hemoglobin-A2, Hemoglobin Subunits and Clinical Phenotypes of β -Thalassemia with the Levels of Early-eluting Unknown Peaks during High-performance Liquid Chromatography Analysis of Hemoglobin	Ahmed Mohammed Ibrahim	Malaysian Journal of Medicine and Health Sciences	2024, Published (Scopus)
The Impact of Anti-diabetics on Platelets Function and Cardiovascular Outcomes in Type 2 Diabetes Mellitus: A Narrative Review	Mohammed Najm Abdul	Al-Anbar Medical Journal	2024, Published (Scopus)
Effects of Sitagliptin on Hematological Parameters, Erythropoietin Levels and Renal and Liver Functions in Patients with Type 2 Diabetes	Mohammed Najm Abdul	World Academy of Science Journal	2024, Published (Scopus)
Healthcare Professionals' Familiarity, Perceptions, Attitudes, and Obstacles Towards the Use of Prebiotics and Probiotics	Zahraa Amer Hashim	Acta Pharm. Sci.	2024, Published (Scopus)
Pharmaceutical Products Microbial Contamination: Approaches of Detection and Avoidance	Zahraa Amer Hashim	Microbes and Infectious Diseases	2024, Published (Scopus)

Department of Pharmacognosy & Medicinal Plants	
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Article Title	Authors	Journal/Publisher	Date/Status
Antioxidant Activity of <i>Garcinia atroviridis</i> Griff. ex T.Anderson	Sura Maan Salem	Scopus	2024, Published
The Protective Effects of a Phenolic Clove Extract on Mitochondria: An Animal Study	Samara Samir Younis, Mudhathir Abdulaziz Mohammed Al-Taie	Scopus	2024, Published
Resistin in Rheumatoid Arthritis	Fatima Haitham Fathi, Ammar Abdulrahman, Jihan Abdulwahab	International	2024, Published
Levels of Adiponectin, Malondialdehyde and Lipid Profile in Women with Polycystic Ovary Syndrome	Zainab Haitham Fathi, Zubaid Mowafaq Younis, Samir Mohammed Mahmoud, Jihan Abdulwahab	Scopus	2024, Published

Department of Clinical Pharmacy

Article Title	Authors	Journal/Publisher	Date/Status
Does the Symptoms of Osteoarthritis Affect the Health-related Quality of Life: A Cross-sectional Study	Zahraa Sufian	Local Journal	2024, Published
Assessment of Antibiotic Utilization and Prescribing Quality in a Teaching Hospital in Iraq	Mohammed Ibrahim Mohammed	Scopus	Published
Parents' Medicine-Seeking Behavior and Their Beliefs About the Efficacy of Medicines	Zainab Mohammed Mahmoud	Local Journal	2024, Published
Simplification of Patient Adverse Events Reporting Form for Oncology Patients	Mohammed Ibrahim Mohammed	Scopus	Published
Degree of Anxiety among First and Final Year Pharmacy Students: Results from Mosul College of Pharmacy	Sadeel Abdulmoneim Shanshal	Local Journal	2024, Published
Knowledge and Attitude of Iraqi	Hala Fuaad Kasim	Scopus	Published

Article Title	Authors	Journal/Publisher	Date/Status
Pharmacists Regarding the Adverse Effects of NSAIDs Based on Years of Experience			

Department of Pharmaceutical Chemistry

Article Title	Authors	Journal/Publisher	Date/Status
Thermosonication-catalyzed Synthesis of New 3-Esterified Coumarins as Biocompatible Antitumor Candidates	Sawsan Hassan Hammoudi	Local Journal	2024, Published
Vitamin C as a Possible Therapeutic and Prophylactic Agent	Noor Ahmed Mohammed	Local Journal	2024, Published
In Silico Study of NSAIDs Conjugated with Coumarins as New Anti-inflammatory Compounds	Moath Qahtan Basheer	Scopus	2024, Published
Docking Study of New Amide and Schiff Base Compounds as	Safaa Boulos Bahnam	Scopus	2024, Published

Article Title	Authors	Journal/Publisher	Date/Status
Penicillin-binding Protein Inhibitors			
Docking, Synthesis and β -lactamase Inhibitory Activity Evaluation for New Amide Compounds	Ahmed Abduljabbar Mahmoud	Scopus	2024, Published
Transforming Poisonous Phenol into Biosafe Antimicrobial Coumarins: Synthesis and Evaluation	Yasser Fakri Mustafa	Scopus	2024, Published
Synthesis of Acetaminophen-based Coumarins as Selective COX-2 Inhibitors: An In vitro-in silico Study	Mahmoud Hashim Mahmoud	Scopus	2024, Published
A Review of the Approved Data on Methods for Quantitative Determination of Sulfadiazine in Pharmaceutical Formulations	Aws Najras	Local Journal	2024, Published