



#### SDG 3.1 Research on health and well-being

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#### 3.1.1 Good health and well-being: paper views

ZUJ actively encourages faculty members to engage in research and publish on topics related to health promotion:

Al-Zaytoonah University engages in various research initiatives focused on health and well-being. Here are some key areas where the university contributes to this field:

#### 1. Public Health Research

 Faculty members conducted several studies on public health issues, exploring topics such as disease prevention, health education, and community health challenges.

#### 2. Nutrition and Dietetics

 Research in this area involved studies on dietary habits, nutrition education, and the impact of nutrition on overall health and well-being, particularly in Jordanian populations.

#### 3. Mental Health Initiatives

• There are research projects focusing on mental health awareness, stigma reduction, and the effectiveness of mental health services in the community.

#### 4. Chronic Disease Management





Investigations into chronic conditions prevalent in the region, such as diabetes
and cardiovascular diseases, are common, aiming to develop better
management strategies and health interventions.

#### 5. Environmental Health

 Research also addressed the relationship between environmental factors and public health, studying how pollution, urbanization, and lifestyle changes impact health outcomes.

#### 6. Health Promotion Programs

• The university developed and evaluated health promotion campaigns aimed at improving lifestyle choices among students and the broader community.

#### 7. Community Engagement

 Collaborations with local health organizations and community outreach programs can enhance research relevance, addressing real-world health issues faced by communities.

#### 8. Academic Publications

Faculty members often publish their findings in academic journals, contributing
to global discussions on health and well-being. Searching platforms like Google
Scholar or ResearchGate with relevant keywords can help locate these
publications.

#### 9. Students Theses





Graduate students in health-related fields conducted research that contributes
to the university's body of knowledge on health and well-being, often available
through the university's library.

#### 10. Conferences and Workshops

 The university hosted and participated in conferences focusing on healthrelated topics, showcasing ongoing research and fostering collaborations with other institutions.

For detailed information on specific studies or projects, visiting the university's official website, exploring faculty pages, or contacting relevant departments would be beneficial. If you have specific research topics in mind or need help finding certain studies, let me know!





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#### 3.1.2 Clinical citations

Al-Zaytoonah University of Jordan has made notable achievements in clinical and health sciences research, evidenced by its citation rankings and metrics in international assessments. According to the AD Scientific Index, the university has seen substantial contributions in nursing and health sciences, specifically within subfields such as adult nursing, psychiatric nursing, and emergency nursing. Faculty members in these areas rank among the highest in the region in terms of citation impact, reflecting the university's research influence over the past six years.

#### **AD Scientific Index**

#### <u>UniversityGuru</u>

In addition, Al-Zaytoonah University participates in the Times Higher Education (THE) rankings, which measure impact based on citations, research reputation, and teaching. The university is assessed in various international contexts, including the Emerging Economies University Ranking and the Asia University Rankings, which both highlight the significance of citation metrics as part of the overall research performance.

#### **AD Scientific Index**

For detailed ranking data and further insights into the university's clinical research impact, you can explore the AD Scientific Index and THE profiles.





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#### 3.1.3 Good health and well-being: publications

#### كلية التمريض

Indexing	Name of researchers	researches	#
(ISI)	Prof. Khalid Sulieman, Osama Abdalkareem	Fatigue among post-hematopoietic stem cell transplant patients in Jordan: prevalence and associated factors"	1
(ISI)	Dr. Malakah Malak	"Perceptions of patient safety culture among emergency room nurses in Jordanian accredited hospitals"	2





(ISI)	Dr. Malakah Malak	The willingness of the healthcare professionals working in healthcare institutions to accept the first dose of COVID-19 vaccine in Jordan: A  National Survey	3
(ISI)	Dr. Malakah Malak	Nurses experience of caring for patients with COVID-19: A phenomenological study	4
(ISI)	Dr. Marwa Al-Barmawi	Predictors and components in the academic motivation of nursing students during the covid-  19 pandemic in Jordan	5





(ISI)	Dr. Malakah Malak	Perception of nurses knowledge about palliative care in west bank/Palestine: levels and influencing factors	6
(Scopus)	Dr. Malakah Malak	Postpartum depression among first-time  Jordanian mothers: levels and associated factors	7
(ISI)	Dr. Maha Mohammad Subih Dr. Malakah Malak	Effect of educational program on knowledge, skills, and personal preparedness for disasters among emergency nurses: a quasi-experimental study	8
(ISI)	Dr. Malakah Malak	Knowledge, skills, and practice of triage among emergency nurses in Jordan	9





	Dr. Dalal Basheir Mohammad		
(Scopus)	Prof. Suhair Al-Ghabeesh	Perceived occupational stressors and the general health of critical care nurses during COVID-19 pandemic	10
(ISI)	Dr. Malakah Malak	Patients perception of quality nursing care and services in emergency department in Jordan	11
(ISI)	Dr. Marwa Al-Barmawi	The impact of stress associated with caring for patients with COVID-19 on decisions, resilience, and perceived self-efficacy in newly hired nurses in Jordan: A cross-sectional study	13





(ISI)	Dr. Maha Mohammad Subih	Evaluation of compassion fatigue and compassion satisfaction among emergency nurses in Jordan:  A cross-sectional study	14
(ISI)	Dr. Malakah Malak	Effect of progressive muscle relaxation exercise on anxiety among male nursing students undergoing maternity clinical training	15
(Scopus)	Dr. Malakah Malak	Knowledge about multiple sclerosis among Palestinian community dwellers in the West bank	16
(Scopus)	Dr. Mohammad Al-Naeem	Constipation Severity and Quality of Life among Patients with Cancer Who Received Prophylactic Laxatives: Quasi-Experimental Study	17





(Scopus)	Dr. Mohammad Al-Naeem	Healthcare providers' intention to leave their jobs during COVID-19 pandemic: A cross-sectional study	18
(Scopus)	Dr. Mohammad Al-Naeem	Exploring the triggers of psychological distress among Jordanian patients with heart failure: a phenomenological study	19
(ISI)	Prof. Suhair Al-Ghabeesh	Qualitative study of challenges facing emergency departments nurses in Jordan	20
(Scopus)	Dr. Malakah Malak	The influence of shift-work on perceived stress, sleep quality, and body mass index among emergency nurses	21





(ISI)	Dr. Hasan Abu Alruz	Death and dying through the lens of Jordanian  Muslim patients and caregivers	22
(ISI)	Dr. Andaleeb Abu Kamel	Predictors of COVID-19 vaccine hesitancy among  Jordanian older adults	23
(Scopus)	Dr. Malakah Malak	Factors Correlate acceptance of applying electronic health solution records among emergency nurses	24
(ISI)	Dr. Malakah Malak	Effect of incredible years autism spectrum and language delays(IY-ASD)program on stress and behavioral management skills among parents of	25





		children with autism spectrum disorder in Palestine	
(Scopus)	Dr. Domam Alomari	Student nurses' knowledge of and attitudes toward palliative care in the Middle East: an integrative review	26
(ISI)	Dr. Malakah Malak	Factors correlating with self-care behaviors among patients with coronary artery disease: a cross sectional study	27
(ISI)	Dr. Malakah Malak	Psychological reactions of Lebanese nurses to workplace violance in critical care units	28





		Incidence, knowledge, attitude and practice	
(ISI)	Dr. Majdi Alzoubi	toward needle stick injury among nursing	29
		students in Saudi Arabia	





#### كلية الصيدلة

Scopus	Jordan Journal of Pharmaceutical Sciences	Zainab Lafi, Nour Aboalhaija, and Fatma Afifi	Ethnopharmacological importance of local flora in the traditional medicine of Jordan:(A mini review)	.1
ISI	Molecules	Nour H. Aboalhaija; Heba Syaj; Fatma Afifi; Suhair Sunoqrot; Eveen Al-Shalabi; Wamidh Talib	Chemical evaluation, in vitro and in vivo anticancer activity of Lavandula angustifolia grown in Jordan	.2
ISI	Journal of Herbal medicine	Oriana Awwad, Nour Aboalhaija, Ismail Abaza, Reem Abbassi, Mohammad Kailani, Hala Al-Jaber and Fatma U. Afifi	Chromatographic (LC-MS and GC-MS) and biologic (antiproliferative) evaluation of a naturalized plant in Jordan: Parkinsonia aculeata L.	.3





Scopus	Tropical Journal of Natural Product Research	Arwa R. Althaher	In vitro Assessment of Cytotoxic Potential of Ajuga orientalis L. Methanol Extract on MCF-7and MRC-5 cells	.4
Scopus	The Scientific World Journal	Arwa R. Althaher	An Overview of Hormone-Sensitive Lipase (HSL)	.5
ISI	Applied Sciences	Arwa R .Althaher ,Andrea Mastinu	Calamintha incana (Sm (.Helder :A New Phytoextract with In Vitro Antioxidant and Antidiabetic Action	.6
Scopus	Research Journal of Pharmacy and Technology	Arwa R. Althaher	In vitro Assessment of the Antidiabetic Activity of Aqueous and Ethanolic Extracts from the Aerial Parts of Ajuga orientalis L.	.7





IGI	Calledona de contatos en el	Ola Tana mala Alaa Millanaa di HADEEL	DEVELOPMENT OF MUCOADUSCIVE	
ISI	Cellulose chemistry and technology	Ola Tarawneh, Alaa M Hammad, HADEEL ABU MAHFOUZ, Lama Hamadneh, Rania	DEVELOPMENT OF MUCOADHESIVE  CELLULOSE DERIVATIVES BASED FILMS	.8
	cccimology	Hamed, Imad Hamadneh, Ameen	FOR THE TREATMENT OF VAGINAL	
		Rasheed Al-Assi	CANDIDIASIS	
Scopus	Jordan Journal of	Ala A Alhusban, Samah A Ata, Lama A	Toxic Metals Transfer from Heating Coils to	.9
	Pharmaceutical Sciences	Hamadneh, Ola A Tarawneh, Haneen	e-liquids: Safety Assessment of Popular e-	
		Abuzaid, Sokiyna Albustanji, Mohammad	cigarettes in Jordan	
		K Awad		
ISI	Journal of Liquid	Ala A Alhusban, Lama A Hamadneh, Aliaa	Automated online monitoring of lactate	.10
-	Chromatography & Related	l Shallan, Ola A Tarawneh	and pyruvate in tamoxifen resistant MCF-7	
	Technologies		cells using sequential-injection capillary	
			electrophoresis with contactless	





			conductivity detection (SI-CE-C <sup>4</sup> D) and correlation with MCT1 and MCT4 genes expression	
ISI	Current Issues of Molecular Biology	Ali I. M. Ibrahim, Hassan Abul-Futouh, Laurance M. S. Bourghli, Mohammad Abu-Sini, Suhair Sunoqrot, Balqis Ikhmais, Vibhu Jha, Qusai Sarayrah, Dina H. Abulebdah and Worood H. Ismail	Design and Synthesis of Thionated Levofloxacin: Insights into a  New Generation of Quinolones with Potential Therapeutic and  Analytical Applications	.11
Scopus	Jordan Journal of Pharmaceutical Sciences	Buthaina Hussein, Laurance M. S. Bourghli, Muhammed Alzweiri, Yusuf Al- Hiari,	Synthesis and Biological Evaluation of Carbonic Anhydrase III and IX Inhibitors using Gas Chromatography with Modified pH-Sensitive Pellets	.12





		Mohammad Abu Sini, Soraya Alnabulsi, Batool Al-Ghwairi		
ISI	Letters in Applied Microbiology	I.S.I. Al-Adham , N. Jaber , M. Al-Remawi , F. Al-Akayleh , E. Al-Kaissi , A.S.A. Ali Agha , L.B. Fitzsimmons and P.J. Collier1	A review of the antimicrobial activity of thermodynamically stable microemulsions	.13
ISI	Letters in Applied Microbiology	F Al-Akayleh, RM Khalid, D Hawash, E Al- Kaissi, ISI Al-Adham, N Al-Muhtaseb, N Jaber, M Al-Remawi, PJ Collier	Antimicrobial potential of natural deep eutectic solvents	.14
ISI	Carbohydrate Polymers	Mayyas Al-Remawi, Nisrein Jaber, Amani Elsayed, Diya Alsafadi, Khalid Abu Salah	Stabilization of insulin using low molecular weight chitosan carbonate nanocarrier	.15
ISI	International Journal of Pharmaceutics	Amani Elsayed, Mayyas Al-Remawi, Nisrein Jaber, Khalid M Abu-Salah	Advances of buccal and oral delivery of insulin	.16





ISI	International Journal of Food Microbiology	Nisrein Jaber, Mayyas Al-Remawi	Evaluation of a novel water –soluble decanoic acid formulation as a fruit sanitizer	.17
ISI	Molecules	Bayan Alkhawaja, Faisal Al-Akayleh, Ashraf Al-Khateeb, Jehad Nasereddin, Bayan Y Ghanim, Albert Bolhuis, Nisrein Jaber, Mayyas Al-Remawi, Nidal A Qinna	Deep Eutectic Liquids as a Topical Vehicle for Tadalafil: Characterisation and Potential Wound Healing and Antimicrobial Activity	.18
ISI	International Journal of Pharmaceutics	Amani Elsayed, Nisrein Jaber, Mayyas Al- Remawi, Khalid Abu-Salah	From cell factories to patients: Stability challenges in biopharmaceuticals manufacturing and administration with mitigation strategies	.19





ISI	Drug Development and Industrial Pharmacy	Ramadan Al-Shdefat, Mohammad Hailat, Osama Y Alshogran	Solubilization of a novel antitumor drug ribociclib in water and ten different organic solvents at different temperatures	.20
ISI	Pharmaceuticals	Mohammad Hailat, Zainab Zakaraya, Israa Al-Ani, Osaid Al Meanazel, Ramadan Al-Shdefat, Md Khalid Anwer, Mohamed J Saadh, Wael Abu Dayyih	Pharmacokinetics and bioequivalence of two empagliflozin, with evaluation in healthy jordanian subjects under fasting and fed conditions	.21
Scopus	Analytica	Raneem Ahmad, Mohammad Hailat, Zainab Zakaraya, Osaid Al Meanazel, Wael Abu Dayyih	Development and Validation of an HPLC  Method for the Determination of  Meloxicam and Pantoprazole in a  Combined Formulation	.22





ISI	Heliyon	Ali Jaber, Israa Al-Ani, Mohammad Hailat, Enas Daoud, Anmar Abu-Rumman, Zainab Zakaraya, Bashar JM Majeed, Osaid Al Meanazel, Wael Abu Dayyih	Esomeprazole and apixaban pharmacokinetic interactions in healthy rats	.23
Scopus	Journal of Applied Pharmaceutical Science	Wael Abu Dayyih, Mohammad Hailat, Tayel A Al Hujran, Mousa Magharbeh, Zainab Zakaraya, Lina Al Tamimi, Aseel M Aburumman, Hamza Abumansour, Riad Awad	Spectrophotometric analysis of empagliflozin tablets as SGLT2 inhibitors in pharmaceutical samples	.24
ISI	Separations	Mohammad Hailat, Israa Al-Ani, Zainab Zakareia, Ramadan Al-Shdefat, Osaid Al- Meanazel, Md Khalid Anwer, Mohammed Hamad, Walid Abu Rayyan, Riad Awad, Wael Abu Dayyih	Development and Validation of HPLC-DAD  Method for the Determination of Favipiravir and Studying the Impact of Vitamin C on the Pharmacokinetics of COVID-19 Antiviral Drug Favipiravir	.25





Scopus	Journal of Population Therapeutics and Clinical Pharmacology	Zainab Z Zakaraya, Lina AlTamimi, Mohammad Hailat, Mousa N Ahmad, Nidal A Qinna, Bayan Y Ghanim, Mohamed J Saadh, Nisreen Al-Dmour, Wael Abu Dayyih	Ameliorative Effect of Selenium Yeast in combination with Pioglitazone on Diabetes outcomes in Streptozotocin-Induced Diabetes in Sprague-Dawley Rats	.26
ISI	European Review for Medical and Pharmacological Sciences	LN Tamimi, Z Zakaraya, M Hailat, W Abu Dayyih, E Daoud, A Abed, MJ Saadh, B Majeed, H Abumansour, A Aburumman, JM Majeed, M Hamad	Anti-diabetic effect of cotreatment with resveratrol and pioglitazone in diabetic rats	.27





ISI	Cold Spring Harbor Laboratory	Osaid Al Meanazel, Fars K Alanazi, Mohammad Hailat, Wael Abu Dayyih, Ramadan Al-Shdefat, Mohammad Abu Assab, Riad Awad, Israa Al-Ani, Faiyaz Shakeel, Doaa H Alshora, Mohamed A Ibrahim	Performing Roux-N Y Gastric Bypass on Rabbits: Perspective Report to Evaluate Body Weight Changes Food Consumption, And the Malabsorption of Vitamin D3	.28
ISI	Scientific Reports	Wael Abu Dayyih, Raghad Layth, Mohammad Hailat, Bayan Alkhawaja, Lina Al Tamimi, Zainab Zakaraya, Aseel Aburumman, Nisreen Al Dmour, Mohamed J Saadh, Hisham Al-Matubsi, Saed M Aldalaen	Effect of date molasses on levetiracetam pharmacokinetics in healthy rats	.29
Scopus	F1000Research	Bayan Alkhawaja, Anas Khaleel, Wael Abu Dayyih, Mohammed F Hamad, Rima Hajjo, Mohammad Hailat	Network biology of lapatinib resistance in different types of HER2-positive breast cancers informs the prioritization of the	.30





			combination anticancer treatments as anti- resistance interventions	
Scopus	Journal of Population Therapeutics and Clinical Pharmacology	Rawan Karaki, Mohammad Hailat, Israa Al-Ani, Zainab Zakaraya, Lina N Tamimi, Sina M Matalqah, Rehan Al-Kasasbeh, Wael Abu Dayyih, Mohammed Hamad	Effects of Liquorice Juice on the Pharmacokinetics of Esomeprazole	.31
ISI	Polymers	Ramadan Al-Shdefat, Mohammad Hailat, Osama Y Alshogran, Wael Abu Dayyih, Ahmed Gardouh, Osaid Al Meanazel	Ribociclib Hybrid Lipid–Polymer  Nanoparticle Preparation and  Characterization for Cancer Treatment	.32
ISI	Journal of Chromatographic Science	Ahmad A. Deeb, Mohammad Hailat, Hani M Aldoqum, Mohammad Abuothman, Omar Abuyaman, Wael Abu Dayyih	An Analytical Method for Determining N- Nitrosodimethylamine and N- Nitrosodiethylamine Contamination in	.33





			Irbesartan, Olmesartan and Metformin by UPLC-APCI-MS/MS in Tablet Dosage Form	
Scopus	Jordan Journal of Pharmaceutical Sciences	Ibrahim Alabbadi Khalid Abdulrahman Alhrerat, Zainab Zakaraya, Wael Abu Dayyih, Mohammad Hailat, Mohammed Hamad	Decriminalization of Narcotics in Jordanian Legislation: Theory and Practice	.34
ISI	Processes	Wael Abu Dayyih, Ammar A Rasras, Mohammad Hailat, Rawan Karaki, Ahmad A. Deeb, Israa Al-Ani, Lina N AlTamimi, Zainab Zakaraya, Sina M Matalqah, Basim Mareekh, Enas Alkhader, Eyad SM Abu-Nameh	Determination of Five Phosphodiesterase- 5 Inhibitors in Multiple Honey-Based Consumer Products by Chromatographic Technique in Rat Plasma	.35





ISI	Journal of Mass Spectrometry	Ramadan Alshdefat, Osama Y Alshogran, Mohammad Hailat	Simple and Rapid Quantification of Ribociclib in Rat Plasma by Protein Precipitation and LC-MS/MS: An Application to Pharmacokinetics of Ribociclib Nanoparticles in Rats	.36
ISI	Acta Chromatographica	Ahmad A. Deeb; Mohammad Abuothman, Mohammad Hailat, Omar Abuyaman, Ruba K. Albizreh,	Analyzing the Presence of Ten Synthetic Colors in Selected Food and Drink Samples Using Ultra High-Performance Liquid Chromatography Diode Array Detection Analysis	.37





Scopus	Journal of Applied Pharmaceutical Science	Wael Abu Dayyih, Israa Al-Ani, Mohammad Hailat, Samia Milhem Alarman, Zainab Zakaraya, Mohammad Abu Assab, Enas Alkhader	Review of Grapefruit juice-drugs interactions mediated by intestinal CYP3A4 inhibition	.38
Scopus	Journal of Applied Pharmaceutical Science	Wael Abu Dayyih, Rima H. Al Omari, Mohammad Hailat, Zainab Z. Zakareia, Ahmad A. Deeb, Mohammad Abu Assab, Mohammed Hamad	The HPLC-Method for the Quantification of Canagliflozin, Dapagliflozin, and Empagliflozin in Pharmaceutical Dosage Forms	.39
Scopus	Journal of Advanced Pharmaceutical Technology & Research	Lina AlTamimi, Zainab Z. Zakaraya, Mohammad Hailat, Mousa N. Ahmad, Nidal A. Qinna, Mohammed F. Hamad , Wael Abu Dayyih	Test of Insulin Resistance in Non-Diabetic and Streptozotocin-Induced Diabetic Rats using HbA1C Test and other Interventions	.40





ISI	RSC Advances	Shada J. Alabed, Malek Zihlif and Mutasem Taha	Discovery of new potent lysine specific histone demythelase-1 inhibitors (LSD-1) using structure based and ligand based molecular modelling and machine learning	.41
Scopus	The open medicinal chemistry Journal	Safa Daoud, Reem Abutayeh, Shada J. Alabed, Mutasem O. Taha	Asenapine as a Potential Lead Inhibitor against Central Ca <sup>2+</sup> /Calmodulin- Dependent Protein Kinase II: Investigation by Docking Simulation and Experimental Validation	.42





ISI	Journal of Personalized Medicine	Hussam Alhawari, Yazun Jarrar, Dina Abulebdah, Sara J Abaalkhail, Marah Alkhalili, Sura Alkhalili, Hussein Alhawari, Munther Momani, Mohammed N Obeidat, Rand K Fram, Mohammad A Salahat, Su-Jun Lee	Effects of Vitamin D Receptor Genotype on Lipid Profiles and Retinopathy Risk in Type 2 Diabetes Patients: A Pilot Study	.43
ISI	Zeitschrift für anorganische und allgemeine Chemie	Sara J Abaalkhail, Hassan Abul-Futouh, Helmar Görls, Wolfgang Weigand	Electrochemical Behavior of Mono- Substituted [FeFe]-Hydrogenase H-Cluster Mimic Mediated by Stannylated Dithiolato Ligand	.44
ISI	Prostaglandins & Other Lipid Mediators	Yazun Jarrar, Marah Alkhalili, Hussam Alhawari, Sara J Abaalkhail, Sura Alkhalili,	The frequency of cytochrome 4F2 rs2108622 genetic variant and its effects on the lipid profile and complications of	.45





		Hussein Alhawari, Munther Momani, Rand K Fram	type II diabetes among a sample of patients in Jordan: A pilot study	
ISI	Jordan Medical Journal	Yazun Jarrar, Dana Alnajjar, Qais Jarrar, Ra'ad Alaani, Sara Abaalkhail, Wisam Naser, Sara Abudahab, Su-Jun Lee	Effects of Sex and Androgenic Drugs on the Expression of Angiotensin-Converting Enzyme 2 Receptor, Cathepsin I and Transmembrane Serine Protease in Mouse Lungs	.46





ISI	Current Computer-Aided Drug Design	Abu Khalaf Reema, Abusaad A, Al- Nawaiseh B, Sabbah D, Albadawi G	Synthesis, Molecular Modeling and Biological Evaluation of Novel Trifluoromethyl Benzamides as Promising CETP Inhibitors	.47
Scopus	Jordan Journal of Pharmaceutical Sciences	Abu Khalaf Reema, NasrAllah A, Albadawi G	Cholesteryl ester transfer protein inhibitory activity of new 4-bromophenethyl benzamides	.48
ISI	Current Cancer Drug Targets	Abu Khalaf Reema, Awad M	Lycopene as a Potential Bioactive Compound: Chemistry, Extraction, and Anticancer Prospective	.49





ISI	Medicinal Chemistry	Abu Khalaf Reema, Al Shaiah H, Sabbah D	Trifluoromethylated aryl sulfonamides as novel CETP inhibitors: Synthesis, induced fit docking, pharmacophore mapping and subsequent in vitro validation	.50
ISI	Indian Journal of Pharmaceutical Sciences	Abu Khalaf Reema, Sabbah D, Al-Shalabi E, Ikhmais B, Naser W, Albadawi G	Fluorinated Benzyloxalamides: Glide Docking, Pharmacophore Mapping, Synthesis and In Vitro Evaluation as Potential Cholesteryl Ester Transfer Protein Inhibitors	.51





ISI	Brazilian Journal of Pharmaceutical Sciences	Abu Khalaf Reema, NasrAllah A, Jarrar W, Sabbah D	Cholesteryl Ester Transfer Protein Inhibitory Oxoacetamido-Benzamide Derivatives: Glide Docking, Pharmacophore Mapping, and Synthesis	.52
Scopus	Current Bioactive Compounds	Sewidan N, Abu Khalaf Reema, Shatat A, Hammad W	Therapeutic Potential of Silybum Marianum and Pergularia Tomentosa Extracts from Jordanian Origin in Diabetes Mellitus	.53
ISI	Acta Chromatographica	AA Alhusban, AM Hammad, LF Alzaghari	Simple HPLC method for simultaneous quantification of nicotine and cotinine levels in rat plasma after exposure to two different tobacco products	.54





ISI	Metabolites	AM Hammad, AA Alhusban, LF Alzaghari, F Alasmari, Y Sari	Effect of Cigarette Smoke Exposure and Aspirin Treatment on Neurotransmitters' Tissue Content in Rats' Hippocampus and Amygdala	.55
ISI	Current Topics in Medicinal Chemistry	Sabbah, D. A., Hajjo, R., Sunoqrot, S.	A Critical Assessment of COVID-19  Genomic Vaccines.	.56
ISI	NPJ Vaccines	Hajjo, R., Momani E., Sabbah, D. A., Baker N., Tropsha A.	Identifying a Casual Link between Prolactin Signaling Pathways and COVID-19 Vaccine-Induced Menstrual Changes	.57
ISI	Frontiers in Medicine	Almomani E., Hajjo, R., Qablan A., Sabbah, D. A., Almomani A.	A cross-Sectional Study Confirms Temporary Post-COVID-19 Vaccine Menstrual Irregularity and the Associated	.58





			Physiological Changes among Vaccinated Women in Jordan	
ISI	Viruses	Hajjo, R., Sabbah, D. A., Abusara, O. H., Kharmah R., Bardaweel, S.	Targeting Human Proteins for Antiviral Drug Discovery and Repurposing Efforts: A Focus on Protein Kinases.	.59
ISI	Diagnostics	Hajjo, R., Sabbah, D. A., Abusara, O. H., Al Bawab, A. Q.	A Review of the Recent Advances in Alzheimer's Disease Research and the Utilization of Network Biology Approaches for Prioritizing Diagnostics and Therapeutics	.60
ISI	Diagnostics	Hajjo, R., Sabbah, D. A., Al Bawab, A. Q.	Unlocking the Potential of the Human Microbiome for Identifying Disease Diagnostic Biomarkers.	.61





ISI	ChemistrySelect	Sweidan, K., Elfadel, H., Sabbah, D. A., Bardaweel, S. K., Hajjo, R., Anjum, S., Sinoj, J., Nair, V. A., Abu-Gharbieh, E., El- Huneidi, W.	Novel Derivatives of 4,6-Dihydroxy-2- Quinolone-3-Carboxamides as Potential PI3Kα	.62
ISI	Pathogens	Hajjo, R., Sabbah, D. A., Tropsha A.	Analyzing the Systems Biology Effects of COVID-19 mRNA Vaccines to Assess Their Safety and Putative Side Effects	.63
ISI	Molecules	Bardaweel, S. K., Aljanabi, R., Sabbah, D. A., Sweidan, K.	Design, Synthesis, and Biological Evaluation of Novel MAO-A Inhibitors Targeting Lung Cancer	.64
ISI	Heterocycles	Al-Zuheiri, A.M.K, Sweidan, K. Harb, M. K., Bardaweel, S. K., Sunjuk, M., Sabbah, D. A.	Synthesis, characterization and biological screening of new <i>n</i> -substituted -7-chloro-	.65





			4-hydroxy-2-quinolone -3-carboxamides as promising anticancer agents	
ISI	ChemistrySelect	Sabbah, D. A., Samarat, H.H., Al-Shalabi, E., Bardaweel, S. K., Hajjo, R., Sweidan, K., Abu Khalaf, R., Al-Zuheiri, A. M., Abushaikha, G.	Design, Synthesis, and Biological Examination of <i>N</i> -Phenyl-6-fluoro-4- hydroxy-2-quinolone-3-carboxamides as Anticancer Agents.	.66
ISI	Journal of Immunology Research	Abu Arqoub, D., Mahmoud, N. N., Zaza, R., Abu Dahab, R. Khalil, E. A., Sabbah, D. A.	The In Vitro Immunomodulatory Effects of Gold Nanocomplex on THP-1-Derived Macrophages	.67
ISI	Endocrine, Metabolic & Immune Disorders - Drug Targets.	Sawsan I. Khdair, Ola S. Al-Naimat, Wassan Jarrar, Walid Al-Qerem, Feras A. Khudeir.	The Influence of TNF-α, IL-6, TGF-β1, IFN- γ, IL-10 Polymorphisms on Predisposition to Diabetes Mellitus among Jordanian Patients.	.68





ISI	J. Pers. Med.	Sawsan I. Khdair, Rawan Al-Bdour, Wassan Jarrar, Alaa Hammad, Aya Al- Jayeh,Mohammad Masa'deh , Marwan Adwan and Randa Farah	. Immunogenetic Profiling of SLE and LN among Jordanian Patients.	.69
ISI	Life	Wassan Jarrar, Sawsan I. Khdair, Feras A. Khudeir.	MICA Polymorphism and Genetic Predisposition to T1D inJordanian Patients: A Case-Control Study.	.70
Scopus	medicina	Osama Abo Alrob , Sowndramalingam Sankaralingam Sayer Alazzam Buthaina Nusairat Muhammad Qattoum and Mohammad B. Nusair	Obesity Paradox among Heart Failure with Reduced Ejection Fraction Patients: A Retrospective Cohort Study	.71





Scopus	Jordan Journal of Pharmaceutical Sciences.	Qais Jarrar ,Yazun Jarrar, Ruba Balasmeh, Kawther Al hussine, Iyad Al-Sheikh, Rami Ayoub, and Hamza Alshaiah .	Anxiolytic Effect of Ethanolic Extract of Medjool Dates of Phoenix dactylifera in Mice.	.72
Scopus	Turkish Journal of Pharmaceutical Sciences.	Samah Ata, Rana Sejare, Ola Tarawneh, Rania Hamed, Mohammad Al-sabi, Samar Bishtawi, Hadeel Abu Mahfouz, Sameer Alkouz	The impact of simulated gastrointestinal fluid: viscosity, surface tension and pH on dissolution and rheology assessment of viscosity on two commercial products of candesartan cilexetil	.73
ISI	Gels	Hamed R, Abu Alata W, Abu-Sini M, Abulebdah DH, Hammad AM, Aburayya R	Development and Comparative Evaluation of Ciprofloxacin Nanoemulsion-Loaded Bigels Prepared Using Different Ratios of Oleogel to Hydrogels	.74





Scopus	AIMS Microbiology	Mohammad Abu-Sini, Mohammad A. Al- Kafaween, Rania M. Al-Groom, Abu Bakar Mohd Hilmi	Comparative in Vitro Activity of Various Antibiotic against Planktonic and Biofilm and the Gene Expression Profile in Pseudomonas aeruginosa.	.75
ISI	Healthcare	Abu-Sini, M.K.; Maharmah, R.A.; Abulebdah, D.H.; Al-Sabi, M.N.S	Isolation and Identification of Coliform Bacteria and Multidrug-Resistant Escherichia coli from Water Intended for Drug Compounding in Community Pharmacies in Jordan	.76
ISI	Journal of Molecular Structure	Al-Masri, E., Al-Refai, M., Al-Masri, H. T., Ali, B. F., Makhseed, S., Salah, L., Ghazal, B., Geyer, A., Ivlev, S. I., & Abu-Sini, M	Synthesis, characterization, crystal structure, and fluorescence behavior of new 4-aryl-6-(2,5-dichlorothiophen-3-yl)- 2-methylpyridine-3-carbonitrile derivatives	.77





ISI	Polycyclic Aromatic Compounds	Majed Shtaiwi, Nayyef Aljaar, Lana Al- Najjar, Chandi C. Malakar, Amneh Shtaiwi, Mohammad Abu-Sini & Mahmoud Al-Refai	Design, Synthesis, Biological Activity, and Molecular Modeling of Novel Spiroquinazoline Derivatives as Acetylcholinesterase Inhibitors for Alzheimer Disease	.78
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ISI	Saudi Pharmaceutical Journal	Sunoqrot, S., Alkurdi, M., Al Bawab, A.Q., Hammad, A.M., Tayyem, R., Abu Obeed, A., Abufara, M.	Encapsulation of Morin in Lipid core/PLGA Shell Nanoparticles Significantly Enhances its Anti-Inflammatory Activity and Oral Bioavailability	.82
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Scopus	Asian Pacific Journal of Cancer Prevention	Ibrahim, R., Kasabri, V., Sunoqrot, S., Shalabi, D., Alkhateeb, R., Alhiari, Y.	Preparation and Characterization of Rutin- Encapsulated Polymeric Micelles and Studies of Synergism with Bioactive Benzoic Acids and Triazolofluoroquinolones as Anticancer Nanomedicines	.84
ISI	ACS Applied Bio Materials	Sunoqrot, S., Al-Bakri, A.G., Hasan Ibrahim, L., Aldaken, N.	Amphotericin B-Loaded Plant-Inspired Polyphenol Nanoparticles Enhance Its Antifungal Activity and Biocompatibility	.85
ISI	Pharmaceutics	Sunoqrot, S., Aliyeh, S., Abusulieh, S., Sabbah, D.	Vitamin E TPGS-Poloxamer Nanoparticles Entrapping a Novel Pl3Kα Inhibitor Potentiate Its Activity against Breast Cancer Cell Lines	.86





Scopus	Asian Pac J Cancer Prev	Buchra Haj Hussein, Violet Kasabri, Yusuf Al-Hiari, Shereen Arabiyat, Balqis Ikhmais, Sundus Alalawi, Tareq Al- Qirim	Selected Statins as Dual Antiproliferative- Antiinflammatory Compounds	.87
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ISI	ACS Omega	Alkilani, A., Hamed, R <u>.,</u> Abdo, H., Swellmeen, L., Basheer, H, A., Wahdan, W., Abu Kwiak, A, D.	Formulation and evaluation of azithromycin-loaded niosomal gel: optimization, in vitro studies, rheological characterization, and cytotoxicity study.	.89





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ISI	Pharmaceuticals	Mohamed, E. M., Dharani, S., Khuroo, T., Hamed, R., Khan, M. A., Rahman, Z	In vitro and in vivo characterization of the transdermal gel formulation of desloratadine for prevention of obesity and metabolic syndrome.	.91
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ISI	RSC advances	Basmah Al-Jammal, Buthaina Hussein, Yusuf Al-Hiari, Tareq Al-Qirim, Manal Al- Najdawi, Lama Hamadneh, Mohammad Alwahsh, Balqis Ikhmais	Synthesis of microwave-assisted carboxamides in Triton WR-1339-induced hyperlipidemic rats: possible hypolipidemic heterocyclic compounds	.94
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ISI	Journal of the Advanced Practitioner in Oncology	Neda Alrawashdh, Ali McBride, Mok Oh, Nimer Alkhatib, Christopher Lee, Jennifer Martin, Karen MacDonald, Ivo Abraham	Meta-analysis of same-day pegfilgrastim administration stratified by myelotoxic febrile neutropenia risk and tumor type	.98
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		Hoyle, Omar Rashdan, Jim Koeller, Ivo Abraham	Unresectable Melanoma With BRAF Mutation From a US Payer Perspective	
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ISI	Journal of Medical Economics	Hala H Halawah, Nimer S Alkhatib, Abdulaali R Almutairi, Mohammad Saleh, Shiraz S Halloush, Omar Rashdan, Lama	Cost-efficiency analysis and expanded treatment access modeling of conversion to rituximab biosimilars from reference	.102
		Masadh, Osama H Abusara, Ivo Abraham	rituximab in Jordan	

ISI	Expert Opinion on Biological Therapy	NS Alkhatib, S Halloush, I Abraham	The status and preparation for the next decade of biosimilars in the Middle Eastern and North African region	.103
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Scopus	Acta Microbiologica Hellenica	Mabrouka B, Sana B, Ines B, Al- Kafaween MA.	Screening of the antibacterial and antibiofilm effect of multifloral honey against multidrug-resistant <i>Pseudomonas</i> aeruginosa.	.105
Scopus	Journal of Applied Pharmaceutica	Khaled MK, Marwa K, Al-Kafaween MA, Moath Q, Muhamad O, Talal S, Husni S, Osama N, Amjad T, Haitham Q, Maha N, Malik A, Hamid J.	Studying the relationship between the women hormonal activity and the distribution of bacterial vaginosis and their antibiotics susceptibility.	.106
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ISI	ACS Pharmacology & Translational Science	Kiley Flynn, Nouf N. Mahmoud, Shahriar Sharifi, Lisa J. Gould, and Morteza Mahmoudi	Chronic Wound Healing Models	.113
ISI	Small	Mohammad J Hajipour, Reihaneh Safavi- Sohi, Shahriar Sharifi, Nouf Mahmoud, Ali Akbar Ashkarran, Elizabeth Voke, Vahid	An Overview of Nanoparticle Protein Corona Literature	.114





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ISI	Research in social administrative pharmacy	Ameerah S Hasan Ibrahim, Heather E Barry, Briegeen Girvin, and Carmel M Hughes	Development of a core set of clinical skills for pharmacist prescribers working in general practice: A Delphi study	.117





ISI	British Journal of General Practice	Ameerah S Hasan Ibrahim, Heather E Barry, and Carmel M Hughes	GPs' and pharmacists' views of integrating pharmacists into general practices: a qualitative study	.118
ISI	Nature Communications	Elisabeth Jeanclos, Jan Schlötzer, Kerstin Hadamek, Natalia Yuan-Chen, Mohammad Alwahsh, Robert Hollmann, Stefanie Fratz, Dilan Yesilyurt-Gerhards, Tina Frankenbach, Daria Engelmann, Angelika Keller, Alexandra Kaestner, Werner Schmitz, Martin Neuenschwander, Roland Hergenröder,	Glycolytic flux control by drugging phosphoglycolate phosphatase	.119





		Christoph Sotriffer, Jens Peter von Kries, Hermann Schindelin, Antje Gohla		
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ISI	Journal of Experimental & Clinical Cancer Research	Magdalena Keller, Katharina Rohlf, Annika Glotzbach, Gregor Leonhardt, Simon Lüke, Katharina Derksen, Özlem Demirci, Defne Göçener, Mohammad AlWahsh, Jörg Lambert, Cecilia Lindskog, Marcus Schmidt, Walburgis Brenner, Matthias Baumann, Eldar Zent, Mia- Lisa Zischinsky, Birte Hellwig, Katrin Madjar, Jörg Rahnenführer, Nina Overbeck, Jörg Reinders, Cristina Cadenas, Jan G Hengstler, Karolina Edlund, Rosemarie Marchan	Inhibiting the glycerophosphodiesterase EDI3 in ER-HER2+ breast cancer cells resistant to HER2-targeted therapy reduces viability and tumour growth	.121





ISI	Polycyclic Aromatic Compounds	Majed Shtaiwi, Mohammad Alemleh, Kayed A Abu-Safieh, Bader A Salameh, Amneh Shtaiwi, Mohammad Alwahsh, Lama Hamadneh, Monther A Khanfar	Design, Synthesis, Crystal Structure, Biological Activity and Molecular Modeling of Novel Schiff Bases Derived from Chalcones and 5-Hydrazino-1,3- Dimethyl-4-Nitropyrazole as Anticancer Agents	.122
Scopus	Egyptian Journal of Chemistry	Nagwa M Abdelazeem, Mohammad Alwahsh, Shahd Talhouni, Lama Hamadneh, Atef G Hanna	Synthesis of some sulfonamide derivatives coupled with salicylamide or anisamide scaffold as potent PD-L1 inhibitors and their anti-proliferation assay	.123





Scopus	Pharmacy Practice	Anan S Jarab, Shrouq R Abu Heshmeh, Walid A Al-Qerem, Tareq L Mukattash, Rami Beiram, Salahdein Aburuz	Non-adherence to pharmacotherapy and its associated factors in outpatients with rheumatoid arthritis	.124
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ISI	Vaccines	Walid Al-Qerem, Anan Jarab, Yara Shawabkeh, Jonathan Ling, Alaa	COVID-19 Vaccination Booster Dose: Knowledge, Practices, and Intention	.127





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ISI	European Review for Medical & Pharmacological Sciences	AS Jarab, W Al-Qerem, S Alqudah, SR ABU HESHMEH, TL Mukattash, R Beiram, S Aburuz	Glycemic control and its associated factors in hypertensive patients with type 2 diabetes.	.128
ISI	Journal of Asthma	Walid Al-Qerem, Anan Jarab, Shrouq R Abu Heshmeh, Jonathan Ling	Variables associated with asthma control among adult patients	.129
ISI	Journal of Sex and Marital Therapy	Walid Al-Qerem, Jonathan Ling, Judith Eberhardt	Validation of an Arabic version of the female version of The Sexual  Dysfunctional Beliefs Questionnaire: a factor analysis study	.130





ISI	Health and Quality of Life Outcomes	Anan S Jarab, Hanan W Hamam, Walid A Al-Qerem, Shrouq R Abu Heshmeh, Tareq L Mukattash, Eman A Alefishat	Health-related quality of life and its associated factors among outpatients with heart failure: a cross-sectional study	.131
ISI	Journal of Human Hypertension	Anan S Jarab, Hanan W Hamam, Walid A Al-Qerem, Shrouq R Abu Heshmeh, Tareq L Mukattash	Blood pressure control and its associated factors among patients with heart failure in Jordan	.132
ISI	Vaccines	Walid Al-Qerem, Anan Jarab, Alaa Hammad, Fawaz Alasmari, Jonathan Ling, Enas Al-Zayadneh, Montaha Al- lede, Badi'ah Alazab, Leen Hajeer	Knowledge, Attitudes, and Practices of Influenza Vaccination among Parents of Children with Asthma: A Cross-Sectional Study	.133





ISI	Patient preference and adherence	Anan S Jarab, Walid A Al-Qerem, Hanan Walid Hamam, Karem H Alzoubi, Shrouq R Abu Heshmeh, Tareq L Mukattash, Eman Alefishat	Medication Adherence and Its Associated Factors Among Outpatients with Heart Failure	.134
ISI	International Journal of Environmental Health Research	Anan S Jarab, Walid Al-Qerem, Karem H Alzoubi, Shrouq Abu Heshmeh, Ahmad nor Aldin Alzoubi, Tareq L Mukattash, Badi'ah Alazab, Yazid N Al Hamarneh	Public perception, satisfaction and expectations from community pharmacy services and the barriers to consult the community pharmacist	.135
Scopus	Electronic Journal of General Medicine	Anan S Jarab, Walid Al-Qerem, Salam Alqudah, Shrouq R Abu Heshmeh, Tareq L Mukattash, Karem H Alzoubi	Blood pressure control and its associated factors in patients with hypertension and type 2 diabetes	.136





Scopus	Journal of Applied pharmaceutical sciences	Anan S Jarab, Walid Al-Qerem, Tareq L Mukattash	Information technology in pharmacy practice: Barriers and utilization	.137
ISI	Journal of Asthma	Walid Al-Qerem, Anan Jarab, Yazun Jarrar, Enas Al-Zayadneh, Montaha Al- lede, Jonathan Ling, Khawla Abu Hammour, Sally S. Alabdullah, Asal Saad Alabdullah, Yamam Al Refaie, Dina Lubbad, Ameen Alassi, Sarah Ibrahim, Mahmood Al-Ibadah, Abdel Qader Al Bawab	Correlation of vitamin D receptor genotypes, specific IgE levels and other variables with asthma control in children	.138
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Scopus	Electronic Journal of General Medicine	Anan S Jarab, Walid Al-Qerem, Shrouq Abu Heshmeh, Tareq L Mukattash, Rami Beiram, Salah Aburuz	Factors associated with poor health- related quality of life among patients with asthma: A hospital-based study from Jordan	.140
ISI	Saudi Pharmaceutical Journal	Anan S Jarab, Walid Al-Qerem, Karem H Alzoubi, Haneen Obeidat, Shrouq Abu Heshmeh, Tareq L Mukattash, Yara A Naser, Ahmad Al-Azayzih	Artificial intelligence in pharmacy practice: Attitude and willingness of the community pharmacists and the barriers for its implementation	.141
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Scopus	Electronic Journal of General Medicine	AS Jarab, W Al-Qerem, SR Abu Heshmeh, KH Alzoubi, TL Mukattash, A Akour	Disease control and its associated factors in outpatients with rheumatoid arthritis.	.143
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ISI	Journal of Cosmetic Dermatology	Mais M Saleh, Oriana Awwad, Mariam Hantash Abdel Jalil, Walid Al-Qerem, Maen Saleh, Yazan Al Thaher, Sharif Abdelghany	Correlation of skin cancer and actinic keratosis-related knowledge and sun protection behaviors and sunscreen use among a sample of Jordanian population	.149





ISI	Human vaccines & immunotherapeutics	Walid Al-Qerem ,Abdel Qader Al Bawab ,Alaa Hammad ,Tasneem Jaber ,Sawsan I Khdair ,Haneen Kalloush ,Jonathan Ling ,Rami Mosleh	Parents' attitudes ,knowledge and practice towards vaccinating their children against COVID-19 :A cross-sectional study	.150
Scopus	Jordan Journal of Pharmaceutical Sciences	Walid Al-Qerem ,Mohammad Safar , Ibrahim Safar ,Mahmood Al-Ibadah	Identifying factors associated with increased rate of mortality of COVID-19 patients among Jordanian population :A multicenter case-controlled retrospective study	.151
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ISI	PLOS ONE	Qosay Al-Balas, Shoroq Altawalbeh, Carmela Rinaldi,Ibtihal Ibrahim	The practice of defensive medicine among Jordanian physicians: A cross sectional study	.153
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ISI	Current Issues in Molecular Biology	Maysaa M Saleh ,Duaa A Abuarqoub , Alaa M Hammad ,Md Shahadat Hossan ,Najneen Ahmed ,Nazneen Aslam ,Abdallah Y Naser ,Christopher J	In Vitro Anticancer Properties of Novel Bis-Triazoles	.156





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ISI	Toxics	Alaa M Hammad ,Baraa Shawaqfeh , Suhair Hikmat ,Tariq Al-Qirim ,Lama Hamadneh ,Sameer Al-Kouz ,Mariam M Awad ,Frank S Hall	The Role of Vitamin E in Protecting against Oxidative Stress ,Inflammation , and the Neurotoxic Effects of Acute Paracetamol in Pregnant Female Rats	.160
Scopus	Asian Pacific Journal of Cancer Prevention	Mohammed Ameen Fouad Salih, Yusuf Al-Hiari, Violet Kasabri ,Rula Darwish, Hamza Abumansour, Laurance Bourghli, Sundus Al Alawi, and Rabab Albashiti	Newly Substituted Anilino- Fluoroquinolones with Proliferation Inhibition Potential against a Panel of Cancer Cell Lines	.161
ISI	Frontiers in Immunology	Shahd Talhouni ,Fadhil W ,Mongan NP ,Field L ,Hunter K ,Makhsous S , Maciel-Guerra A ,Kaur N , Nestarenkaite A ,Laurinavicius A ,	Activated tissue resident memory T-cells (CD8+CD103+CD39 (+uniquely predict survival in left sided "immune-hot" colorectal cancers	.162





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Scopus	Pharmacy Practice	Ensaf Almomani ,Wassan Jarrar , Amani Alhadid ,Lama Hamadneh , Ahmad Qablan ,and Huda Almomani.	Shedding light on pharmacists' knowledge of kidney stones' etiology and treatment.	.163
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Scopus	Journal of Applied Pharmaceutical Science	M Odeh ,R Amer ,AQ Al Bawab ,MC Kearney ,KH Alzoubi	Pharmaceutical innovation: The gap between knowledge, attitude, and perceptions among pharmacists and final-year pharmacy students	.165





Scopus	Clinical Practice and Epidemiology in Mental Health	M Odeh ,HM Tailakh ,AQF Al Bawab , NA Elsahoryi ,KH Alzoubi	A Comprehensive Assessment of Knowledge, Attitudes, and Practicalities Related to Doping Agents use among Jordanians	.166
ISI	Journal of King Saud University - Science	Osama H. Abusara, Samar Bishtawi, Walid Al-Qerem, Wassan Jarrar, Lubna Al-Khareisha, and Sawsan I. Khdair	Pharmacists' knowledge, familiarity, and attitudes towards biosimilar drugs among practicing Jordanian pharmacists:  A cross sectional study	.167
Scopus	Drug Metabolism and Personalized Therapy	Malek Zihlif, Osama H. Abusara, Walid Al-Qerem, Mahmood Al-Ibadah, Tareq M. Mahafza, Fatima M. Al-Akhras, and Naseem T. Mahafza	CRHR1 polymorphism at rs242941, rs242940, and rs72834580: association of symptoms improvement with intranasal corticosteroids in allergic rhinitis Jordanian patients	.168





Scopus	Jordan Journal of Pharmaceutical Sciences	Worood H. Ismail, Osama H. Abusara, Balqis Ikhmais, Hassan Abul-Futouh, Suhair Sunoqrot, and Ali I. M. Ibrahim	Design, Synthesis, and Biological Activity of Coniferyl Aldehyde Derivatives as Potential Anticancer and Antioxidant Agents	.169
ISI	Current Issues in Molecular Biology	Osama H. Abusara, Ali I. M. Ibrahim, Hamzah Issa, Alaa M. Hammad, and Worood H. Ismail	In Vitro Evaluation of ALDH1A3-Affinic Compounds on Breast and Prostate Cancer Cell Lines as Single Treatments and in Combination with Doxorubicin	.170





## **SDG 3.2** Number Graduating in Health Professions

3-2	Number Graduating in Health Professions		
Indicator #	Evidence		Type of Access
3-2-1	Proportion of graduates in health professions	21.21%	Public
	Number of graduates	2692	Public
	Number of graduates in health professions	571	Public





#### SDG 3.3 Collaborations and Health Services

#### 3.3.1 Current collaborations with health institutions

ZUJ made many collaborations with local, national, or global health institutions to improve students' outcomes academically and in health and well-being.

- Agreement with smart lab click here
- Agreement with Abu-Ghazaleh Global Foundation for Professional and Educational
   Services click here
- Agreement with Royal Health Awareness society <u>click here</u>
- Agreement with Suleyman Demirel University <u>click here</u>
- Agreement with The Association of Arab Universities <u>click here</u>
- Agreement with Al- Nahrain University and Al-Hadba university college in Iraq
   click here
- Agreement with research societies in Egypt(SRGE & electronic research institute)
   click here
- Agreement with Obour Higher Institute of Engineering and Technology in Egypt <u>click</u>
   here
- Agreement with Babel university in Iraq. <u>Click here</u>
- Agreement with Al Saeed university at Yamen. <u>Click here</u>
- Agreement with Innovation Dome for Consulting and Training. <u>Click here</u>





- Agreement with ACDIMA Center for Bioequivalence and Pharmaceutical Studies Arab
   Company for Pharmaceutical Industries and Medical Appliances. <u>Click here</u>
- Agreement with Klaipėda University in Lithuania. <u>click here</u>
- Agreement with <u>Amman hospital</u> for training nursing and pharmacy students. <u>Click</u>
   <u>here</u>
- Agreement with Goethe-Institute to teach German language. <u>Click here</u>
- Agreement with First Paper & Cardboard Recycling Company. <u>Click here</u>
- Agreement with HelpAge International organization. <u>Click here</u>
- Agreement with King Abdallah II fund for development. <u>Click here</u>
- Agreement with The International Journal of Advances in Soft Computing and its Applications. <u>Click here</u>
- Agreement with IQVIA for research and exchange of experiences and information. <u>Click</u>
   here
- Agreement with King Hussein Cancer Foundation. <u>Click here</u>
- Agreement with Aaltinbaş University from Turkia. <u>Click here</u>
- Agreement with HashTechs. <u>Click here</u>
- Agreement with Urel Vlaico University in Romania. <u>Click here</u>





### SDG 3.3.2 Health outreach programmes

Al-Zaytoonah University of Jordan is actively involved in health outreach initiatives as part of its community service commitment and support for the United Nations Sustainable Development Goals (SDGs). These programs, often conducted by the Faculty of Nursing and other health-related faculties, include health education, public health awareness campaigns, and medical assistance aimed at improving the well-being of local communities.

The Faculty of Nursing, established to address healthcare needs in Jordan, is central to these outreach efforts. Through initiatives such as community health workshops, wellness clinics, and preventive health campaigns, the faculty provides valuable services to underserved areas. This outreach often targets specific health issues like chronic diseases, maternal and child health, and mental health, aiming to educate the community on best practices for health and wellness.

Additionally, the university collaborates with local organizations and healthcare providers to enhance its outreach and amplify the impact of its health programs. This cooperation is supported by the university's Consultations and Community Service Center, which focuses on extending the university's expertise and services to the broader community (click here)

To promote school health education and provide a quality learning environment nursing students conducted the following activities.

- Awareness lectures about preventing the spread of COVID-19 by nursing and pharmacy students. <u>click here</u>
- Special committee responsible for "road map of returning) that was established due to higher education ministry legislation to deal with CORONA cases among staff and students in cooperation with the medical health center in our university nursing faculty.
   click here





- Medical day titled <u>"our health between our hands</u>" in Amman, health education included healthy nutrition, in body device, vision testing, screening for Diabetes Mellitus and hypertension, finally about breast cancer physical exam by nursing faculty and students.
- Health day titled" <u>dangerous square</u> in our university discussed four critical issues (reproductive health- mental health- chronic illnesses- life styles- sexual health) by nursing faculty and students. <u>click here</u>
- Medical day at Tafila city (cooperation between nursing and pharmacy faculty with public and private physicians).click here
- Lectures and workshops about public safety principles due to CORONA virus and distributing equipment such as gloves-facemasks- hand hygiene ...etc by nursing students and faculty. <u>click here</u>
- TV meetings at Jordanian national TV from pharmacy staff teaching public about CORONA. <u>Click here</u>
- Educational lectures in public schools such as <u>in Al-Gazeera schools</u> from pharmacy faculty about CORONA.
- Educational lectures by pharmacy faculty and students in specialty hospital <u>about</u> <u>chronic illness's drugs.</u>
- The Counseling and Community Service Center in our university established to conduct training courses to students, staff and local society about many topics and curricular and extracurricular activities, also providing consultations and consultants (annual report).activities activities 2 activities 3 activities 4 activities 5
- Health day with children with special needs in schools titled" <u>express in colors</u>" to draw murals though nursing faculty and students. <u>Click here</u>
- Awareness activity about preservation of <u>green environment</u> inside university by nursing students.
- Continue covid-19 vaccine distribution on students and staff. <u>Click here</u>





- First aid activity in Queen Noor Park Northern Hashmi activity report click here
- The Faculty of Nursing organized in cooperation with a number of college students a healthy day on the occasion of World Diabetes Day in the Greater Amman Municipality building, Badr Al-Jadiyya area Wadi Al-Seer on 11/24/2022 activity report click here
- The College of Nursing, in cooperation with a number of community nursing students organized a lecture on diseases related to the heart, lungs and nervous system, in addition to family disintegration and bullying, at the Science Fair Al Fikr Al Tarbawi School Al Yasmeen Suburb. The lecture targeted the school's students and staff click here click here
- The Faculty of Nursing / Activities and Career Guidance Committee in cooperation with a number of mental health nursing students a purposeful educational play about the importance of adhering to medication, on Wednesday 12/28/2022. The target group was mental health patients at the National Center for Mental Health in the Fuheis area click here
- The Faculty of Nursing at AI-Zaytoonah University of Jordan / Activities and Career Guidance Committee organized an entertainment day for the elderly at the guest house for the elderly (GOLDEN AGE HOME) in Juwaida area <u>click here</u>, <u>click here</u>, <u>click here</u>
- The College of Nursing, in partnership with the Department of Facilities and Social Programs in the Greater Amman Municipality, is holding a series of health lectures <u>click here</u>, <u>click here</u>
- Faculty of Nursing, prepared for an extracurricular activity for these children, where they enjoyed many activities and events that brought joy to their hearts and gave them the feeling of everyone around them in a friendly and child-friendly atmosphere. A health awareness lecture entitled a healthy diet for children was presented click here
- Visit of an American Scientist to the College of Nursing at Al-Zaytoonah University of Jordan https://www.instagram.com/alzaytoonahuniversity/p/C7gmeMnOhoy/





- The Faculty of Nursing at Al-Zaytoonah University of Jordan, in cooperation with the King Hussein Cancer Foundation, organized training workshops entitled "community heart saver training for nursing students" for nursing students and clinical training supervisors <a href="https://www.ammonnews.net/article/727157">https://www.ammonnews.net/article/727157</a>
- The Faculty of Nursing at Al-Zaytoonah University of Jordan organized a training course on occupational health and the correct methods of implementing first aid to educate the workers working at the university <u>click here</u>





#### SDG 3.3.3 Shared sports facilities

Al-Zaytoonah University offers a range of shared sports facilities and programs that support both student fitness and community engagement. These facilities include fully equipped sports halls and fields that are accessible for various activities such as training, team sports, and individual fitness exercises. The university actively organizes intercollegiate championships and partners with other Jordanian sports teams, further supporting students' athletic development. Additionally, the university hosts seminars and training courses for sports professionals and collaborates with sports associations for referee and trainer development.

To foster a supportive athletic environment, Al-Zaytoonah University has made these facilities available for local community use, aligning with their commitment to sustainable development goals (SDGs) and community service. This accessibility allows both students and local residents to benefit from a healthy, active lifestyle on campus, enhancing the university's role as a community hub for sports and wellness activities.

Sport Activities –

#### تحت رعاية الأستاذ الدكتور رئيس الجامعة الأكرم

الزيتونة بطلا لبطولة وزارة الشباب 2022 لكرة القدم الخماسية

حصل فريق جامعة الزيتونة على كأس بطولة وزارة الشباب صيف الاردن 2022 على مستوى لواء ناعور لخماسي كرة القدم, بعد تفوقه في المباراة النهائية على فريق الخيول البوركينية بنتيجة 6 أهداف مقابل هدفين في المباراة التي أقيمت على ملعب جامعة الزيتونة الاردنية بحضور عميد شؤون الطلبة الدكتور خلدون الحباشنة ورئيس بلدية ناعور مزيد المساعفة ورئيس مركز شباب ناعور السيد هشام الحوامدة وعدد من الجماهير.







## 2. تحت رعاية الاستاذ الدكتور رئيس الجامعة الأكرم

### يطولة جامعة الزبتونة الاردنية المفتوحة للياقة البدنية ورفع الاثقال

نظمت شعبة النشاط الرياضي في عمادة شؤون الطلبة في جامعة الزيتونة الأردنية بطولة الجامعة المفتوحة للياقة البدنية ورفع الأثقال.







## 3. تحت رعاية الاستاذ الدكتور رئيس الجامعة الأكرم مشاركة في التراماراثون البحر الميت 2022

شاركت جامعة الزيتونة الأردنية في التراماراثون البحر الميت والذي نظمته الجمعية الأردنية للماراثونات اركض للأردن تحت شعار اركض في اخفض نقطة في العالم.







### 4.تحت رعاية الاستاذ الدكتور رئيس الجامعة الأكرم

## مشاركة جامعة الزيتونة في ماراثون عمان

شاركت جامعة الزيتونة الأردنية في ماراثون عمان والذي نظمته الجمعية الأردنية للماراثونات (أركض للأردن) الذي انطلق من المدينة الرياضية باتجاه نقطة النهاية داخل المدرج الروماني في وسط البلد .







### 5. تحت رعاية الاستاذ الدكتور رئيس الجامعة الأكرم

#### كلية العلوم والتكنولوجيا تظفر بيطولة كليات حامعة الزيتونة الاردنية

مندوباً عن الأستاذ الدكتور محمد المجالي رئيس الجامعة, رعى الأستاذ الدكتور طارق القرم نائب الرئيس وبحضور الدكتور خلدون الحباشنة عميد شؤون الطلبة وعميد كلية الصيدلة الدكتور عبدالقادر البواب وعميد كلية العلوم والتكنولوجيا المعلومات الدكتور امجد زرقات المباراة النهائية لبطولة كليات الحامعة.



### 6. تحت رعاية الاستاذ الدكتور رئيس الجامعة الأكرم

#### سياق اختراق الضاحية

نظمت عمادة شؤون الطلبة / شعبة النشاط الرياضي في جامعة الزيتونة الأردنية سباق اختراق الضاحية .حيث شهد السباق مشاركة أكثر من 70 متسابقاً لمسافة 4 كيلومترات للطلاب و3 كيلومترات للطالبات, وأعطى أشارة الانطلاق عميد شؤون الطلبة الدكتور خلدون الحباشنة من أمام مبنى القبول والتسجيل باتجاه خط النهاية مقابل مبنى عمادة شؤون الطلبة







7. تحت رعاية الاستاذ الدكتور رئيس الجامعة الأكرم نهائي بطولة جامعة الزيتونة لبطولة كرة السلة

نهائي بطولة جامعة الزيتونة الأردنية لبطولة كرة السلة (3x3) طلاب وطالبات توج نائب رئيس جامعة الزيتونة الأردنية الدكتور طارق القرم الفرق الفائزة في بطولة كرة السلة (3x3) طلاب وطالبات, بحضور عميد شؤون الطلبة الدكتور خلدون حباشنة ونائب العميد الدكتور بسام عبد الرازق .







8. تحت رعاية الاستاذ الدكتور رئيس الجامعة الأكرم

### <u>كرة السلة مع فريق فلسطيني</u>

الزيتــونة تستضيف وفــد نادى رمـانة الرياضى لكرة السلة من (دولة فلسطين)

مندوباً عن رئيس جامعة الزيتونة الاردنية, رعى عميد شؤون الطلبة الدكتور منير العفيشات, مباراة ودية في كرة السلة بين فريق جامعة الزيتونة الاردنية وفريق نادي اتحاد رمانة الرياضي من دولة فلسطين الذي نظمتة عمادة شؤون الطلبة/ شعبة النشاط الرياضي, بحضور رئيس نادي رمانة الرياضي السيد بسام صبيحات وعدد من أعضاء النادي وأعضاء من الهيئتين التدريسية والإدارية والطلبة الجامعة.







9. تحت رعاية الاستاذ الدكتور رئيس الجامعة الأكرم

## الزبتونة الأردنية تنظم يوما رباضيا بمناسبة عيد الاستقلال

نظمت شعبة النشاط الرياضي التابعة لعمادة شؤون الطلبة في جامعة الزيتونة الأردنية يوما رياضيا بمناسبة عيد الاستقلال, حيث استضافت فريق الأمن العام لخماسي كرة القدم وفريق نشامى للعروض القتالية.







### 10. تحت رعاية الاستاذ الدكتور رئيس الجامعة الأكرم

### عرض العاب الدفاع عن النفس / نادي النشامي

تقيم عمادة شؤون الطلبة / شعبة النشاط الرياضي احتفالية رياضية بمناسبة عيد الاستقلال عرض العاب الدفاع عن النفس / نادى النشامى.

مباراة كرة قدم بين فريق جامعة الزيتونة xفريق الدرك.



### 11. تحت رعاية الاستاذ الدكتور رئيس الجامعة الأكرم

#### يطولة كليات الحامعة لكرة القدم

توج رئيس جامعة الزيتونة الأردنية الدكتور محمد المجالي فريق كلية الأعمال بعد فوزه على فريق كلية العلوم والتكنولوجيا في بطولة كليات الجامعة لكرة القدم.







12. تحت رعاية الاستاذ الدكتور رئيس الجامعة الأكرم

### انطلاق بطولة كليات جامعة الزيتونة لخماسي كرة القدم

شهدت بطولة كليات الجامعة لخماسي كرة القدم منافسة قوية وحضور جماهيري كبير خاصة مباراة كلية الصيدلة وكلية الآداب التى سيطر فيها فريق الصيدلة على مجريات المباراة.







- The football championship for faculties at the university level started on Wednesday 11/16/2022, teams were formed to compete for the championship <u>click here</u>, <u>click here</u>





#### SDG 3. 3.4 Free sexual health care for students

- Al-Zaytoonah University of Jordan actively supports student health and well-being, including providing access to sexual health resources. Through its Student Affairs and Medical Centers, the university offers general health services which may include sexual health counseling, preventive care, and guidance on related issues. This health support is aligned with the university's emphasis on sustainable development goals, including health and well-being for all students. For more details or specific services, students are advised to contact the university's Medical Center or Deanship of Student Affairs.
- ZUJ Provide students' education about sexual and reproductive problems by having access
  to health-care services and information especially through university health center and
  through physicians. Each year ZUJ conducts through nursing faculty a health awareness
  day about breast cancer in October (Pinky month).
- Faculty participate in workshops such as "universities role in disseminate health messages" which discussed breast cancer awareness program
- Conduct a healthy awareness day about women health in Al Basheer hospital (Maternal and gynecological department)
- Agreements with organizations that work on these issue as <u>Royal Health Awareness</u>
   <u>Society</u>
- Conducting research related to breast cancer through pharmacy faculty by funding from the <u>agreement with King Abdallah II Fund for development</u>
- Medical day titled <u>"our health between our hands"</u> in Amman, health education included healthy nutrition, in body device, vision testing, screening for Diabetes Mellites and hypertension, finally about breast cancer physical exam and cervical cancer screening by nursing faculty and students.
- A healthy day called <u>"dangerous square"</u> inside university, one of the hot topics was about reproductive health for students.





- Faculty of Nursing had specific discussion in some courses about sexual issues and the effect of some chronic illnesses on sexual health of those patients. Additionally, faculty members conducted several research studies related to sexual issues <u>click here</u>
- Faculty members in Faculty of Nursing encourage students in master program to study sexual health problems among chronically ill patients <u>click here</u>





### SDG 3.3.5 Mental health support

- ZUJ provides free mental health support for students, faculty, and staff. In addition to establishing a student psychological counselling center, ZUJ has also provided community psychological counselling. We integrate the professional resources of the school's Counseling and Consultation Department and establish referral and cooperative relations with community units (including hospitals, social units). Also apply preventive counselling measures, such as life education counselling, gender equality education counselling, career counselling, study counselling, counselling for foreign students, stress adjustment, peer counselling, mental health promotion by instructors, etc. Every year this department present a full report of number of cases and type of help provided to staff and students. Special forms for counselling and interventions are available. This department is run by a professor in Nursing Faculty specialized in mental health.
- Department of Mental Health Support
- Announcements from Mental Health Department for students (papers and online on ZUJ website and ZUJ FACEBOOK)
  - <u>Click here</u> <u>click here</u> <u>click here</u>
- Statistics for the number of university students who had mental/psychological advice and counseling
- University <u>Policies</u> regarding Mental Health Support
- Mental Health Support Reports
- <u>Vision</u>, mission and goals of mental health department
- Some of the activities conducted by mental health department
   My plan as a university student <u>Click here</u>
   About drugs and road traffic accidents <u>click here</u>





### المهام الرئيسية للشعبة:

يقدم خدمات الارشاد النفسي للطلبة وأعضاء الهيئتين التدريسية والادارية مجانا يوميا من الساعة 8:00 صباحا ولغاية 4:00 مساءا بحيث تعامل اي حالة بسرية تامة.

وذلك من خلال مكتب الارشاد النفسي الموجود في مبنى عمادة شؤون الطلبة مقابل المركز الصحي للجامعة.

متابعة ملف الخدمات الطلابية في الجامعة







### SDG 3.3.6 Smoke-free policy

Al-Zaytoonah University in Jordan has implemented a smoke-free policy aimed at promoting a healthier environment for students, staff, and visitors. Here are some key aspects typically associated with such policies:

#### **Overview of Smoke-Free Policies**

#### Objectives:

- To reduce exposure to secondhand smoke.
- To encourage smokers to quit and to promote public health.
- To create a cleaner, healthier campus environment.

#### Scope of the Policy:

- Typically covers all indoor areas, including classrooms, offices, and common areas.
- May extend to outdoor spaces, particularly near entrances and high-traffic areas.

#### **Enforcement:**

• The policy often includes guidelines for enforcement and reporting violations, which can involve staff monitoring and community reporting mechanisms.





 Educational campaigns may accompany the policy to raise awareness and promote compliance.

#### Support for Smokers:

The university might offer resources for smoking cessation, such as counseling services, workshops, or access to nicotine replacement therapies.

#### Health Education:

Initiatives to educate the university community about the risks associated with smoking and the benefits of a smoke-free environment.

#### Importance of Smoke-Free Policies

**Public Health**: Reducing smoking rates and secondhand smoke exposure can lead to significant health benefits for the entire community.

**Educational Environment**: A smoke-free campus promotes a positive learning environment and enhances the overall quality of life for students and staff.

**Cultural Impact**: Such policies can contribute to changing societal attitudes towards smoking, particularly among young people.

#### **Further Information**

For the most accurate and specific details about the smoke-free policy at Al-Zaytoonah University, you might consider:





**Visiting the University Website**: Look for sections on campus health, policies, or student services.

**Contacting University Administration**: Reach out to health services or student affairs departments for direct information.

**Reviewing University Publications**: Check for newsletters or reports that might highlight health initiatives, including the smoke-free policy.

- ZUJ responds to the government's comprehensive smoking ban policy, maintains the
  physical health of the faculty and staff of the school, and creates a smoke-free, healthy,
  and fresh campus environment. We are a smoke-free campus.
- A smoke prevention and control work organization were established. Complete smoking cessation education is provided to help smokers successfully quit smoking and stay away from smoking hazards.
- <u>University Instruction</u> regarding smoking forbidden.
- Announcements and instructions for NO Smoking inside University Campus.

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Picture <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u>
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- <u>Training</u> for university staff regarding distinguishers by Civil Defense.
- Special places for smokers.
- <u>Distinguishers</u> distributed all over the campus of the university.
- Fire Exits <u>1</u> <u>2</u> <u>3</u> .
- Fire Alarms <u>1</u> <u>2</u> <u>3</u>





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					وتكنولوجيا	/ 21
			السيبراني	الرواشحة	المعلومات	

Shalan N, Jarrar Y, Nasser W, et al. Assessment the Combining Medications with Tobacco during Water-Pipe Smoking among the University Students in Jordan. *Asian Pac J Cancer Prev.* 2024;25(9):3311-3314. Published 2024 Sep 1. doi:10.31557/APJCP.2024.25.9.3311