

قائمة بالأبحاث المنشورة لكلية الصيدلة للعام الدراسي 2017/2016 و العام الدراسي 2018/2017

سنة النشر	اسم المجلة	أسماء الباحثين	عنوان البحث	الرقم
2018	<i>Heteroatom Chemistry</i>	H. Abul-Futouh , M. El-khateeb, H. Görls, W. Weigand	[FeFe]-hydrogenase H-cluster mimics mediated by mixed (S, Se) and (S, Te) bridging moieties: Insight into molecular structures and electrochemical characteristics	1.
2018	<i>Organometallics</i>	H. Abul-Futouh , A. Skabeev, D. Botteri, Y. Zagranyarski, H. Görls, W. Weigand, K. Peneva	Toward a Tunable Synthetic [FeFe]-Hydrogenase H-Cluster Mimics Mediated by Perylene Monoimide Model Complexes: Insight into Molecular Structures and Electrochemical Characteristics	2.
2018	<i>Chemistry Select</i>	M. K. Harb , H. Alshurafa, M. El-khateeb, A. Al-Zuheiri, H. Görls, H. Abul-Futouh , W. Weigand	[FeFe]-hydrogenase Models Containing Long Diselenolato Linkers	3.
2018	<i>Anti-cancer Agents in Medicinal Chemistry</i>	Sabbah, D. A , Hisham, B., Sweidan, K., Zhong, H.A.	Structure-Based design: synthesis, X-ray Crystallography, and biological evaluation of N-Substituted-4-Hydroxy-2-Quinolone-3-Carboxamides as potential cytotoxic agents	4.
2018	<i>Journal of Trace Elements in Medicine and Biology</i> , .	Al Khabbas, M.H., Ata, S.A. , Abu-Dari, K.I., Tutunji, M.F. & Mubarak, M.S.	"Corrigendum to "Synthesis and characterization of new 1-hydroxy-2-pyridinethione derivatives: Their lead complexes and efficacy in the treatment of acute lead poisoning in rats"	5.
2018	<i>Pharmacology Biochemistry and Behavior</i>	Alasmari, F., Bell, R.L., Rao, P.S.S., Hammad , A.M. & Sari, Y.	"Peri-adolescent drinking of ethanol and/or nicotine modulates astroglial glutamate transporters and metabotropic glutamate receptor-1 in female alcohol-preferring rats",	6.
2018	<i>Biological trace element research</i>	Alhusban, A.A., Ata, S.A. & Shraim, S.A.	The Safety Assessment of Toxic Metals in Commonly Used Pharmaceutical Herbal Products and Traditional Herbs for Infants in Jordanian Market"	7.
2018	<i>Parasitology research</i> ,	Al-Sabi , M.N.S., Rääf, L., Osterman-Lind, E., Uhlhorn, H. & Kapel,	Gastrointestinal helminths of gray wolves (<i>Canis lupus lupus</i>) from Sweden"	8.
2018	<i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life</i>	Chen, G., Jirjees, F., Al Bawab , A. & McElnay, J.C.	Quantification of amlodipine in dried blood spot samples by high performance liquid chromatography tandem mass spectrometry	9.

	<i>Sciences</i>			
2018	<i>In Vitro Cellular and Developmental Biology - Animal</i>	Hamadneh, L., Al-Majawleh, M., Jarrar, Y., Shraim, S., Hasan, M. & Abu-Irmaileh, B.	Culturing conditions highly affect DNA methylation and gene expression levels in MCF7 breast cancer cell line	10.
2018	<i>Drug development and industrial pharmacy</i>	Hamed, R., AbuRezeq, A. & Tarawneh, O.	Development of hydrogels, oleogels, and bigels as local drug delivery systems for periodontitis",	11.
2018	<i>AAPS PharmSciTech</i>	Hamed, R. & Alnadi, S.H.	Transfer Behavior of the Weakly Acidic BCS Class II Drug Valsartan from the Stomach to the Small Intestine During Fasted and Fed States	12.
2018	<i>International Journal for Parasitology: Parasites and Wildlife</i>	Lynggaard, C., Woolsey, I.D., Al-Sabi, M.N.S., Bertram, N. & Jensen, P.M.	Parasites in Myodes glareolus and their association with diet assessed by stable isotope analysis",	13.
2018	<i>Scientific Reports</i>	Mahmoud, N.N., Alkilany, A.M., Khalil, E.A. & Al-Bakri, A.G.	Nano-Photothermal ablation effect of Hydrophilic and Hydrophobic Functionalized Gold Nanorods on Staphylococcus aureus and Propionibacterium acnes	14.
2018	<i>Colloids and Surfaces B: Biointerfaces</i>	Mahmoud, N.N., Harfouche, M., Alkilany, A.M., Al-Bakri, A.G., El-Qirem, R.A., Shraim, S.A. & Khalil, E.A. 2018	Synchrotron-based X-ray fluorescence study of gold nanorods and skin elements distribution into excised human skin layers	15.
2018	<i>Chemical and Pharmaceutical Bulletin</i>	Sheikha, G.A., Bkhaitan, M.M., Kalloush, H., Hamadneh, L., Khalaf, R.A., Al-Qirim, T. & Al-Hiaric, Y.	Synthesis of novel benzimidazole-2-carboxamide derivatives and in vivo antihyperlipidemic activity evaluation	16.
2018	<i>Current Pharmaceutical Analysis</i>	Sweidan, K., Elayan, M., Sabbah, D., Idrees, G. & Arafat	Study of forced degradation behavior of amisulpride by LC-MS and NMR and development of a stability-indicating method	17.
2018	<i>Journal of Drug Delivery Science and Technology</i>	Zaid Alkilani, A., Hamed, R., Al-Marabeh, S., Kamal, A., Abu-Huwaij, R. & Hamad	Nanoemulsion-based film formulation for transdermal delivery of carvedilol",	18.
2018	<i>Medicinal Chemistry Research</i>	Al-Qtaitat, M.A., El-Abadelah, M.A., Sabbah, D. A . Brdaweel, S.	Synthesis, characterization, And bioactivity of new bisamidrazone derivative as possible anticancer agents	19.
2018	<i>Medicinal Chemistry</i>	Sabbah, D. A., Al-tarawneh, F., Talib,	Benzoin Schiff Bases: Design, Synthesis, and Biological	20.

		W.H., Sweidan, K., Bardaweel, S.K., Al-shalabi, E., Zhong, H.A., Abu Sheikha, G., Abu Khalaf, R. and Mubarak, M.S.	Evaluation as Potential Antitumor Agents	
2018	<i>Libyan Journal of Medicine</i>	YB Jarrar, AA Balasmeh, W Jarrar	Sequence analysis of the N-acetyltransferase 2 gene (NAT2) among Jordanian volunteers	21.
2018	<i>Dissolution Technology</i>	Ola Altarawneh , Atif madi, Rania Hamed, Rania Qirem, et al.	In vitro characterization and evaluation of Commercialized Paracetamol Products in Jordan	22.
2018	<i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i>	Chen, G., Jirjees, F., Al Bawab, A. & McElnay, J.C.	Quantification of amlodipine in dried blood spot samples by high performance liquid chromatography tandem mass spectrometry"	23.
2018	<i>Veterinary parasitology</i>	Petersen, H.H., Al-Sabi, M.N.S. , Larsen, G., Jensen, T.K. & Chriél, M.	First report of Taenia ovis infection in Danish sheep (Ovis aries)	24.
2017	<i>Agricultural engineering International: CIGR Journal</i>	Adnan khdair, Ghaida Abu-Rumman, Sawsan Khdair	Evaluation the mechanical harvesting efficiency of olive with the application of fruit loosening spray	25.
2017	<i>Chemical Biology and Drug Design</i>	Arabiyat, S., Kasabri, V., Al-Hiari, Y. , Bustanji, Y.K., Albashiti, R., Almasri, I.M. & Sabbah, D.A.	Antilipase and antiproliferative activities of novel fluoroquinolones and triazolofluoroquinolones	26.
2017	<i>International Journal of Behavioral Nutrition and Physical Activity</i>	Al-Qerem, W.A. , Ling, J. & AlBawab, A.Q.	Validation of the comprehensive feeding practice questionnaire among school aged children in Jordan: A factor analysis study	27.
2017	<i>International Journal of Morphology</i>	Almansour, M.I., Jarrar, Y.B. , Aloyaidy, K.A. & Jarrar, B.M	Ameliorative effect of propolis against hepatorenal alterations induced by methotrexate: Morphohistopathological study	28.
2017	<i>Canadian Journal of Chemistry</i>	Sweidan, K., Sabbah, D.A. , Bardaweel, S., Abu Sheikha, G., Al-Qirim, T. , Salih, H., El-Abadelah, M.M., Mubarak, M.S. & Voelter, W.	Facile synthesis, characterization, and cytotoxicity study of new 3-(indol-2-yl)bicyclotetrazatridecahexaens	29.
2017	<i>Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences</i>	Sweidan, K. , Dayyih, W.A., Aldamen, M.A., Mallah, E., Arafat, T., El-Abadelah, M.M.,	Ring opening of cyclobutane in 1,3-dimethyl-5-methylenebarbituric acid dimer by various nucleophiles	30.

		Salih, H. & Voelter, W.		
2017	<i>Colloids and Surfaces B: Biointerfaces</i>	Sunoqrot, S., Hasan, L., Alsadi, A., Hamed, R. & Tarawneh, O.	Interactions of mussel-inspired polymeric nanoparticles with gastric mucin: Implications for gastro-retentive drug delivery	31.
2017	<i>Current Topics in Medicinal Chemistry</i>	Sunoqrot, S., Hamed, R., Abdel-Halim, H. & Tarawneh, O.	Synergistic interplay of medicinal chemistry and formulation strategies in nanotechnology – From drug discovery to nanocarrier design and development	32.
2017	<i>Medicinal Chemistry</i>	Abu Khalaf, R., Al-Rawashdeh, S., Sabbah, D. & Abu Sheikha, G.	Molecular docking and pharmacophore modeling studies of fluorinated benzamides as potential CETP inhibitors	33.
2017	<i>Pharmacologyonline</i>	Jarrar, Y.B., Hamadneh, L. & Naser, W	The frequency of vitamin K epoxide reductase complex-1639G>A genetic variant among healthy unrelated Jordanian volunteers	34.
2017	<i>Jordan Medical Journal</i>	Jarrar, Y.B., Hamadneh, L., Iqtait, D., Sadieh, R., Al-Bawab, A.Q. & Zihlif, M	The cytochrome 4F2 rs2108622 genetic variant among unrelated Arab Jordanian volunteers	35.
2017	<i>Tropical Journal of Pharmaceutical Research</i>	Hikmat, S., Al-Qirim, T., Alkabbani, D., Shattat, G., Sheikha, G.A., Sabbah, D., Abu Khalaf, R. & Al-Hiari, Y.	Synthesis and in vivo anti-hyperlipidemic activity of novel n-benzoylphenyl-2-furamide derivatives in Wistar rats	36.
2017	<i>Journal of Pharmaceutical Innovation</i>	Hamed, R., Al-Samydai, A., Al Baraghthi, T., Tarawneh, O. & Sunoqrot, S.	Influence of HPMC K100LV and Compritol® HD5 ATO on Drug Release and Rheological Behavior of HPMC K4M Matrix Tablets	37.
2017	<i>Drug development and industrial pharmacy</i>	Hamed, R., AlJanabi, R., Sunoqrot, S. & Abbas, A.	The effect of pH, buffer capacity and ionic strength on quetiapine fumarate release from matrix tablets prepared using two different polymeric blends	38.
2017	<i>Molecular and cellular biochemistry</i>	Hamadneh, L., Al-Essa, L., Hikmat, S., Al-Qirim, T., Abu Sheikha, G., Al-Hiari, Y., Azmy, N. & Shattat, G.	N-(3-Benzoylphenyl)-1H-Indole-2-Carboxamide decreases triglyceride levels by downregulation of Apoc3 gene expression in acute hyperlipidemic rat model	39.
2017	<i>Journal of Trace Elements in Medicine and Biology</i>	Al Khabbas, M.H., Ata, S.A., Abu-Dari, K.I., Tutunji, M.F. & Mubarak, M.S.	Synthesis and characterization of new 1-hydroxy-2-pyridinethione derivatives: Their lead complexes and efficacy in the treatment of	40.

			acute lead poisoning in rats	
2017	<i>Molecules</i>	Abu-Sini, M. , Mayyas, A., Al-Karablieh, N., Darwish, R., Al-Hiari, Y., Aburjai, T., Arabiyat, S. & Abu-Qatouseh, L.	Synthesis of 1,2,3-triazolo[4,5-h]quinolone derivatives with novel anti-microbial properties against metronidazole resistant <i>Helicobacter pylori</i> "	41.
2017	<i>Molecules</i>	Abu-Qatouseh, L., Abu-Sini, M. , Mayyas, A., Al-Hiari, Y., Darwish, R. & Aburjai, T	Synthesis of new nitrofluoroquinolone derivatives with novel anti-microbial properties against metronidazole resistant <i>H. Pylori</i>	42.
2017	<i>Drug metabolism and personalized therapy</i>	N Hakooz, YB Jarrar , M Zihlif, A Imraish, S Hamed, T Arafat	Effects of the genetic variants of organic cation transporters 1 and 3 on the pharmacokinetics of metformin in Jordanians.	43.
2017	<i>Archiv der Pharmazie</i>	Abu Farha, R., Bustanji, Y., Al-Hiari, Y. , Bardaweel, S., Al-Qirim, T. , Abu Sheikha, G. & Albashiti, R.	Pharmacological Evaluation of Novel Isonicotinic Carboxamide Derivatives as Potential Anti-Hyperlipidemic and Antioxidant Agents	44.
2017	<i>Letters in Drug Design & Discovery</i>	Abu Khalaf, R. , Abd El-Aziz, H., Sabbah, D. , Albadawi, G., Abu Sheikha, G.	CETP Inhibitory Activity of Chlorobenzyl Benzamides: QPLD Docking, Pharmacophore Mapping, and Synthesis.	45.
2017	<i>Scientific reports</i>	Alhusban, A.A. , Breadmore, M.C., Gueven, N. and Guijt, R.M.	Time-Resolved Pharmacological Studies using Automated, On-line Monitoring of Five Parallel Suspension Cultures.	46.
2017	<i>Pharmaceutical development and technology</i>	Al-Marabeh, S., Khalil, E., Khanfar, M., Al-Bakri, A.G. & Alzweiri, M.	A prodrug approach to enhance azelaic acid percutaneous availability	47.
2017	<i>Archiv der Pharmazie</i>	Abu Khalaf, R. , Sabbah, D. , Al-Shalabi, E. , Bishtawi, S. , Albadawi, G., Abu Sheikha, G.	Synthesis, biological evaluation and molecular modeling study of substituted benzyl benzamides as CETP inhibitors.	48.
2017	<i>International Journal of Nanomedicine</i>	Mahmoud, N.N. , Alkilany, A.M., Khalil, E.A. & Gal-Bakri, A.	Antibacterial activity of gold nanorods against staphylococcus aureus and propionibacterium acnes: Misinterpretations and artifacts	49.
2017	<i>Asian Journal of Pharmaceutical and Clinical Research</i>	Mosleh, R.S., Abd Aziz, N., Ali, S.M., Manan, M.M., Zyoud, S., Shah, I.M. & Jarrar, Y.B.	Predictors of good glycemic control among type II diabetes patients in Palestine"	50.

2017	<i>Journal of Applied Pharmaceutical Science</i>	R Mosleh, YB Jarrar , S Zyoud, DE Morisky	Factors Related to Diabetes Self-Care Management Behaviors Among Patients with Type II Diabetes in Palestine	51.
2017	<i>International Journal of Research in Ayurveda and Pharmacy</i>	YB Jarrar	Effect of Cigarette Smoking on the Production of 20-Hydroxyeicosatetraenoic Acid in Human Platelet.	52.
2017	<i>Letters in Drug Design and Discovery</i>	Sabbah, D.A. & Sweidan, K.	Molecular docking studies of novel thiosemicarbazone-based indoles as potential PI3K α inhibitors.	53.
2017	<i>Journal of Colloid and Polymer Science</i>	Sunoqrot, S., Alsadi, A., Tarawneh, O., & Hamed, R.	Polymer type and molecular weight dictate the encapsulation efficiency and release of Quercetin from polymeric micelles	54.
2017	<i>Anti-Cancer Agents in Medicinal Chemistry</i>	Sabbah, D., Hishmah, B., Sweidan, K., Bardaweel, S., AlDamien, M., Zhong, H., Abu Khalaf, R., Ibrahim, A., Al-Qirim, T., Abu Sheikha, G., Mubarak, M.	M. Structure-Based Drug Design: Synthesis, X-Ray Crystallography, and Biological Evaluation of <i>N</i> -Substituted-4-Hydroxy-2-Quinolone-3-Carboxamides as Potential PI3K α Inhibitors.	55.
2017	<i>Pakistan Journal of Botany</i>	Damhoureyeh, S.	Effects of Simulated Grazing (Clipping) on Plant Population Responses and Resource Allocation Patterns in Semi-Arid Environment	56.
2017	<i>Journal of Colloid and Interface Sciences</i>	Mahmoud, N., Alkilany, A., Dietrich, D., Karst, U., Al-Bakri, A. & Khalil, E.	Preferential Accumulation of Gold Nanorods into Human Skin Hair follicles: Effect of Nanoparticle Surface Chemistry	57.
2017	<i>International Journal of Research in Ayurveda and Pharmacy</i>	Shahwan M., Bader A., Al-Assi A., Al-Qirim T., Abomair M.	Short-term Feeding Effect of Origanum Syriacum Crude Extract on Blood Constituents in Rats.	58.
2016	<i>Journal of Enzyme Inhibition and Medicinal Chemistry</i>	Abu Farha, R., Bustanji, Y., Al-Hiari, Y., Al-Qirim, T., Abu Shiekha, G. & Albashiti, R.	Lipid lowering activity of novel <i>N</i> -(benzoylphenyl)pyridine-3-carboxamide derivatives in Triton WR-1339-induced hyperlipidemic rats	59.
2016	<i>Bioorganic and Medicinal Chemistry Letters</i>	Sweidan, K., Sabbah, D.A., Bardaweel, S., Dush, K.A., Sheikha, G.A. & Mubarak, M.S.	Computer-aided design, synthesis, and biological evaluation of new indole-2-carboxamide derivatives as PI3K α /EGFR inhibitors.	60.
2016	<i>Journal of Molecular Graphics and Modelling</i>	Sabbah, D.A. & Zhong, H.A.	Modeling the protonation states of β -secretase binding pocket by molecular dynamics simulations	61.

			and docking studies	
2016	<i>Current Topics in Medicinal Chemistry</i>	Sabbah, D.A. & Zhong, H.A.	Advances in the development of class I phosphoinositide 3-kinase (PI3K) inhibitors.	62.
2016	<i>Archives of Toxicology</i>	Hammad, S., Mahmoud, H.Y.A.H., Hamadneh, L. , Elsherief, A.M., Meindl-Beinker, N.M. & Kotb, A.M.	Highlight report: pluripotent stem cells in translational research	63.
2016	<i>Journal of Pharmaceutical Innovation</i>	Hamed, R. , Al Baraghthi, T., Alkilani, A.Z. & Abu-Huwaij, R.	Correlation Between Rheological Properties and In Vitro Drug Release from Penetration Enhancer-Loaded Carbopol® Gels	64.
2016	<i>Pharmaceutical development and technology</i>	Hamed, R. , Al Baraghthi, T. & Sunoqrot, S.	Correlation between the viscoelastic properties of the gel layer of swollen HPMC matrix tablets and their in vitro drug release	65.
2016	<i>International Journal of Morphology</i>	Almansour, M., Jarrar, Y. & Jarrar, B.M.	Propolis protective role against morphological, hormonal biochemical and histological alterations induced by sildenafil overdoses.	66.
2016	<i>Cancer Cell International Journal</i>	Zamanian, M., Hamadneh, L. , Veerakumarasivum, A., Abdul Rahman, S., Shohaimi, S. & Rosli, R.	Calreticulin Mediates an Invasive Breast Cancer Phenotype through the Transcriptional Dysregulation of P53 and MAPK Pathways	67.
2016	<i>Journal of Diabetes Research</i>	Al-Matubsi, H.Y., Oriquat, G.A., Abu-Samak, M., Al Hanbali, O.A. & Salim, M.D.	Effects of Lipoic Acid Supplementation on Activities of Cyclooxygenases and Levels of Prostaglandins E2 and F2 α Metabolites, in the Offspring of Rats with Streptozotocin-Induced Diabetes	68.
2016	<i>Air Quality, Atmosphere and Health</i>	Al-Qerem, W.A. , Ling, J., Pullen, R. & McGarry, K.	Reported prevalence of allergy and asthma in children from urban and rural Egypt.	69.
2016	<i>Journal of Superconductivity and Novel Magnetism</i>	Hamadneh, I., Yaseen, N., Abdallat, Y., Hamadneh, L. & Tarawneh, O.	The Sintering Effect on the Phase Formation and Transport Current Properties of SmBa ₂ Cu ₃ O ₇ - δ Ceramic Prepared from Nano-Coprecipitated Precursors.	70.
2016	<i>AAPS PharmSciTech</i>	Hamed, R. , Awadallah, A., Sunoqrot, S. , Tarawneh, O. , Nazzal, S., AlBaraghthi, T., Al	pH-Dependent Solubility and Dissolution Behavior of Carvedilol—Case Example of a Weakly Basic BCS Class II Drug	71.

		Sayyad, J. & Abbas, A.		
2016	<i>Pharmaceutical development and technology</i>	Hamed, R., Basil, M., AlBaraghthi, T., Sunoqrot, S. & Tarawneh, O.	Nanoemulsion-based gel formulation of diclofenac diethylamine: design, optimization, rheological behavior and in vitro diffusion studies.	72.
2016	<i>Letters in Drug Design and Discovery</i>	Jarrar, N., Alzweiri, M., Al-Hiari, Y., Farah, S. & Khanfar, M.A.	Modified hummel-dreyer method and molecular modeling studies identified nicotinic acid analogues as carbonic anhydrase III ligands	73.
2016	<i>Current Topics in Medicinal Chemistry</i>	Khalaf, R.A.	Exploring natural products as a source for antidiabetic lead compounds and possible lead optimization.	74.
2016	<i>Annual Research and Review in Biology</i>	Al-Kubaisy, K.N., Al-Essa, L.Y. & Shawagfeh, M.T.	Stimulation of hepatocytes repair by fruit juice of opuntia ficus indica in anti cancer drug cyclophosphamide (CP)-induced liver toxicity in mice.	75.