

Publish papers in 2021

WOS EXPENDED في المدركة لعام 2021 الأبحاث المنشورة								
القسم العلمي	تصنيف المجلة				المجلة Journal , volume , issue, page no. DOI	عنوان البحث Research title	اسم عضو هيئة التدريس Name	م No.
	Q4	Q3	Q2	Q1				
Pharmaceutical Chemistry			Q2		Antibiotics 2021, 10, 1342. https://doi.org/10.3390/antibiotics10111342	Molecular Detection of Fluoroquinolone Resistance among Multidrug-, Extensively Drug-, and Pan-Drug-Resistant Campylobacter Species in Egypt	Mohammad M. Al-Sanea	1
Pharmaceutical Chemistry			Q2		Antibiotics 2021, 10, 1453. https://doi.org/10.3390/antibiotics10121453	Alternative and Complementary Therapies against Foodborne Salmonella Infections	Mohammad M. Al-Sanea	2
Pharmaceutical Chemistry				Q1	Antioxidants 2021, 10, 1860. https://doi.org/10.3390/antiox10121860	An In Vitro and In Silico Study of the Enhanced Antiproliferative and Pro-Oxidant Potential of Olea europaea L. cv. Arbosana Leaf Extract via Elastic Nanovesicles (Spanlastics)	Mohammad M. Al-Sanea	3

Pharmaceutical Chemistry				Q1	J. Fungi 2021, 7, 915. https://doi.org/10.3390/jof7110915	Improved Mineral Acquisition, Sugars Metabolism and Redox Status after Mycorrhizal Inoculation Are the Basis for Tolerance to Vanadium Stress in C3 and C4 Grasses	Mohammad M. Al-Sanea	4
Pharmaceutical Chemistry				Q1	Journal of Environmental Chemical Engineering 9 (2021) 106395 https://doi.org/10.1016/j.jece.2021.106395	Saccharomonospora actinobacterium alleviates phytotoxic hazards of tungsten nanoparticles on legumes' growth and osmotic status	Mohammad M. Al-Sanea	5
Pharmaceutical Chemistry			Q2		Life 2021, 11, 1070. https://doi.org/10.3390/life11101070	Identification of Novel Potential VEGFR-2 Inhibitors Using a Combination of Computational Methods for Drug Discovery	Mohammad M. Al-Sanea	6
Pharmaceutical Chemistry				Q1	Pharmaceutics 2021, 13, 1812. https://doi.org/10.3390/pharmaceutics13111812	Influence of Stabilizer on the Development of Luteolin Nanosuspension for Cutaneous Delivery: An In Vitro and In Vivo Evaluation	Mohammad M. Al-Sanea	7

Pharmaceutical Chemistry			Q1	Scientific Reports (2021) 11:15516 https://doi.org/10.1038/s41598-021-94809-x	Identification of non-classical hCA XII inhibitors using combination of computational approaches for drug design and discovery	Mohammad M. Al-Sanea	8
Pharmaceutical Chemistry			Q1	Front. Cell Dev. Biol., 27 August 2021 https://doi.org/10.3389/fcell.2021.688789	Role of mitochondrial genes in Neurodegenerative diseases	Della Jesto	9
Pharmaceutical Chemistry	Q3			Comb Chem High Throughput Screen 2021 Jun 3. doi: 10.2174/1386207324666210603125452.	Trimethoxy Crown Chalcones as Multifunctional Class of Monoamine Oxidase Enzyme Inhibitors	Della Jesto	10
pharmaceutical Chemistry			Q2	Environmental Science and Pollution Research (2021) 28:38855–38866 https://doi.org/10.1007/s11356-021-13320-y/	Piperazine-substituted chalcones: a new class of MAO-B, AChE, and BACE-1 inhibitors for the treatment of neurological disorders	Della Jesto	11
pharmaceutical Chemistry			Q2	Environmental Science and Pollution Research 29, pages,7271–7282 https://doi.org/10.1007/s11356-021-15955-3	Ameliorative effect of ethoxylated chalcone-based MAO-B inhibitor on behavioural predictors of haloperidol-induced Parkinsonism in mice: evidence	Della Jesto	12

						of its antioxidative role against Parkinson's diseases		
pharmaceutical Chemistry		Q3			CHEMISTRY SELECT Volume6, Issue28 July 27, 2021 Pages 7162-7182 doi.org/10.1002/slct.202101077	Current Progress in Quinazoline Derivatives as Acetylcholinesterase and Monoamine Oxidase Inhibitors	Della Jesto	13
Pharmaceutical Chemistry			Q2		Journal of Drug Delivery Science and Technology Volume 65, October 2021, 102726 https://doi.org/10.1016/j.jddst.2021.102726	Design, physico-chemical assessment and pharmacokinetics of a non-toxic orodispersible film for potential application in musculo-skeletal disorder	Syed Nasir Abbas Bukhari	14
Pharmaceutical Chemistry			Q2		Journal of Drug Delivery Science and Technology https://doi.org/10.1016/j.jddst.2021.102854	Synthesis of naringenin loaded lipid based nanocarriers and their invivo therapeutic potential in a rheumatoid arthritis model	Muhammad Usman Munir	15

Pharmaceutical Chemistry	Q4				Pakistan Journal of Pharmaceutical Sciences http://www.pjps.pk/wpcontent/uploads/pdfs/34/5/Paper-24.pdf	Covid-19: Diagnosis, summary of essays and evolving approaches	Muhammad Usman Munir	16
Pharmaceutical Chemistry				Q1	Artificial Cells, Nanomedicine, and Biotechnology https://doi.org/10.1080/21691401.2021.2016785	Nano-hydroxyapatite as a delivery system: overview and advancements	Muhammad Usman Munir	17
Pharmaceutical Chemistry				Q1	Pharmaceuticals 2021, 14(11), 1148; https://doi.org/10.3390/ph14111148	Replacement of Chalcone-Ethers with Chalcone-Thioethers as Potent and Highly Selective Monoamine Oxidase-B Inhibitors and Their Protein-Ligand Interactions	Mohamed Abdelwahab	18
Pharmaceutical Chemistry		Q3			Processes 2021, 9(11), 2019; https://doi.org/10.3390/pr9112019	Synthesis of New 1-Aryl-2-(3,5-dimethylpyrazol-1-yl)ethanone Oxime Ether Derivatives and Investigation of Their Cytotoxic Effects	Mohamed Abdelwahab	19

Pharmaceutical Chemistry			Q2	CS Omega 2021, 6, 42, 28182–28193 https://doi.org/10.1021/acsomega.1c04252	Halogenated Coumarin–Chalcones as Multifunctional Monoamine Oxidase-B and Butyrylcholinesterase Inhibitors	Mohamed Abdelwahab	20
Pharmaceutical Chemistry			Q2	Molecules 2021, 26(19), 6004; https://doi.org/10.3390/molecules26196004	Selected Class of Enamides Bearing Nitro Functionality as Dual-Acting with Highly Selective Monoamine Oxidase-B and BACE1 Inhibitors	Mohamed Abdelwahab	21
Pharmaceutical Chemistry			Q2	ACS Omega 2021, 6, 36, 23399–23411 https://doi.org/10.1021/acsomega.1c03250	Navigating into the Chemical Space of Monoamine Oxidase Inhibitors by Artificial Intelligence and Cheminformatics Approach	Mohamed Abdelwahab	22
Pharmaceutical Chemistry			Q1	Int. J. Mol. Sci. 2021, 22(19), 10491; https://doi.org/10.3390/ijms221910491	Design, Synthesis and Anticancer Profile of New 4-(1H-benzo[d]imidazol-1-yl)pyrimidin-2-amine-Linked Sulfonamide Derivatives with V600EBRAF Inhibitory Effect	Mohamed Abdelwahab	23
Pharmaceutical Chemistry			Q2	South African Journal of Botany 147 (2022) 163175 https://doi.org/10.1016/j.sajb.2021.12.008	Botanical description, bioactivity guided isolation and in silico mode of action of anti-diabetic constituents of Pterocarpus dalbergioides flowers	Mohammad M. Al-Sanea	24

Pharmaceutical Chemistry			Q2		https://doi.org/10.1021/acsomega.1c06148 ACS Omega 2022, 7, 3596–3604	Cancer Chemopreventive Potential and Chemical Profiling of Euphorbia abyssinica Endowed with Docking Studies	Mohammad M. Al-Sanea	25
Pharmaceutical Chemistry			Q2		Molecules 2022, 27, 375. https://doi.org/10.3390/molecules27020375	Development and Greenness Assessment of HPLC Method for Studying the Pharmacokinetics of Co-Administered Metformin and Papaya Extract	Mohamed Abdelwahab	26
Pharmaceutical Chemistry			Q2		Journal of Inflammation Research 2022:15 451–463 https://doi.org/10.2147/JIR.S343263	Docking Study, Synthesis, and Anti-Inflammatory Potential of Some New Pyridopyrimidine-Derived Compounds	Mohamed Abdelwahab	27
Pharmaceutical Chemistry				Q1	Applied Microbiology and Biotechnology https://doi.org/10.1007/s00253-022-11781-w	Innovative next-generation therapies in combating multi-drug resistant and multi-virulent Escherichia coli isolates: insights from in vitro, in vivo, and molecular docking studies	Mohammad M. Al-Sanea	28
Pharmaceutical Chemistry				Q1	Microchemical Journal , 2022, 178, 107339	Critical analytical review: Rare and recent applications of refractive index detector in HPLC chromatographic drug analysis	Mohammad M. Al-Sanea	29

					https://doi.org/10.1016/j.microc.2022.107339			
Pharmaceutical Chemistry			Q1	Bioorganic Chemistry Volume 122, May 2022, 105752 https://doi.org/10.1016/j.bioorg.2022.105752	Design, synthesis, and biological evaluation of novel pyrido-dipyrimidines as dual topoisomerase II/FLT3 inhibitors in leukemia cells	Mohamed A abdelgawad	30	
Pharmaceutical Chemistry			Q1	Plant Physiology and Biochemistry Volume 171, 15 January 2022, Pages 226-239 https://doi.org/10.1016/j.plaphy.2021.11.042	Potential use of a novel actinobacterial species to ameliorate tungsten nanoparticles induced oxidative damage in cereal crops	Mohammad M. Al-Sanea	31	
Pharmaceutical Chemistry			Q1	Frontiers in cellular and infection microbiology , 2022, 12, pp. 782045	Clonal Diversity and Epidemiological Characteristics of ST239-MRSA Strains	Mohammad M. Al-Sanea	32	
Pharmaceutical Chemistry			Q1	Molecular Neurobiology 2022 Jan;59(1):191-233. doi: 10.1007/s12035-021-02555-y. Epub 2021 Oct 15.	Gene Therapy Approach with an Emphasis on Growth Factors: Theoretical and Clinical Outcomes in Neurodegenerative Diseases	Della Jesto	33	
Pharmaceutical Chemistry		Q1			Conjugated Dienones from Differently Substituted Cinnamaldehyde as Highly Potent Monoamine Oxidase-B Inhibitors:	Della Jesto	34	

					ACS Omega 7(9) 2022, Doi 10.1021/acsomega.2c0039 7	Synthesis, Biochemistry, and Computational Chemistry		
Pharmace utical Chemistry		Q3			Current Drug Delivery http://dx.doi.org/10.2174/ 1567201819666220509200 019	A Smart Hydrogel from Salvia Spinosa Seeds: pH Responsiveness, On-off Switching, Sustained Drug Release, and Transit Detection	Syed Nasir Abbas Bukhari	35
Pharmace utical Chemistry			Q2		Mini-Reviews in Medicinal Chemistry http://dx.doi.org/10.2174/ 1389557522666220511141 357	Synthetic Approaches and Pharmacological Attributes of Benzosuberone Skeleton	Syed Nasir Abbas Bukhari	36
Pharmace utical Chemistry		Q3			Letters in Drug Design & Discovery http://dx.doi.org/10.2174/ 1570180819666220405232 333	An Overview of Tetramethylpyrazine (Ligustrazine) and its Derivatives as Potent Anti-Alzheimer's Disease Agents	Syed Nasir Abbas Bukhari	37
Pharmace utical Chemistry				Q1	Polymers 2022, 14(9), 1867; https://doi.org/10.3390/po ly14091867	Extraction and characterization of microcrystalline cellulose from Lagenaria siceraria fruit pedicles	Syed Nasir Abbas Bukhari	38
Pharmace utical Chemistry				Q1	Polymers 2022, 14(9), 1904;	Extraction optimization of mucilage from seeds of Mimosa pudica by response surface methodology	Syed Nasir Abbas Bukhari	39

					https://doi.org/10.3390/polym14091904			
Pharmaceutical Chemistry			Q1	Gels 2022, 8(5), 283; https://doi.org/10.3390/gels8050283	Metal complexation of arabinoxylan engenders a smart material offering pH, solvents, and salt responsive on-off swelling with potential of sustained drug delivery	Syed Nasir Abbas Bukhari	40	
Pharmaceutical Chemistry			Q1	Gels 2022, 8(5), 291; https://doi.org/10.3390/gels8050291	Synthesis of pH sensitive cross linked basil seed gum/acrylic acid hydrogels by free radical copolymerization technique for sustained delivery of captopril	Syed Nasir Abbas Bukhari	41	
Pharmaceutical Chemistry		Q2		Molecules 2022, 27(8), 2606; https://doi.org/10.3390/molecules27082606	Design and Synthesis of Some New Furan Based Derivatives and Evaluation of In Vitro Cytotoxic Activity	Syed Nasir Abbas Bukhari	42	
Pharmaceutical Chemistry		Q2		Saudi Pharmaceutical Journal https://doi.org/10.1016/j.jsps.2022.04.003	Identification of Potent Aldose Reductase Inhibitors as Antidiabetic (Antihyperglycemic) Agents using QSAR Based Virtual Screening, Molecular Docking, MD Simulation and MMGBSA Approaches	Syed Nasir Abbas Bukhari	43	
Pharmaceutical Chemistry		Q2		RSC Adv., 2022,12, 10307-10320 https://doi.org/10.1039/D2RA01198K	Synthesis and evaluation of new chalcones and oximes as anticancer agents	Syed Nasir Abbas Bukhari	44	

Pharmaceutical Chemistry				Q1	Pharmaceutics 2022, 14(5), 916; https://doi.org/10.3390/pharmaceutics14050916	Prunus armeniaca Gum-Alginate Polymeric Microspheres to Enhance the Bioavailability of Tramadol Hydrochloride: Formulation and Evaluation	Syed Nasir Abbas Bukhari	45
Pharmaceutical Chemistry				Q1	European Journal of Medicinal Chemistry Volume 235, 5 May 2022, 114308 https://doi.org/10.1016/j.ejmech.2022.114308	An Insight into the Multifunctional Role of Ghrelin and Structure Activity Relationship Studies of Ghrelin Receptor Ligands with Clinical Trials	Syed Nasir Abbas Bukhari	46
Pharmaceutical Chemistry				Q1	Antioxidants 2022, 11(3), 554; https://doi.org/10.3390/antiox11030554	Dietary polyphenols as therapeutic intervention for Alzheimer's disease: A mechanistic insight	Syed Nasir Abbas Bukhari	47
Pharmaceutical Chemistry				Q1	Polymers 2022, 14(7), 1366; https://doi.org/10.3390/polym14071366	Electrical Stability and Piezoresistive Sensing Performance of High Strain-Range Ultra-Stretchable CNT-embedded Sensors	Syed Nasir Abbas Bukhari	48
Pharmaceutical Chemistry	Q4				Latin American Journal of Pharmacy 41 (3): 544-55 (2022)	Solid Dispersion Preparation of a Macrolide Drug Using Natural and Synthetic Polymers to Enhance its Solubility and Bioavailability: A Pharmacokinetics Application	Syed Nasir Abbas Bukhari	49

Pharmaceutical Chemistry			Q1	Int. J. Mol. Sci. 2022, 23(5), 2725; https://doi.org/10.3390/ijms23052725	pH Responsive Abelmoschus esculentus Mucilage and Administration of Methotrexate: In-Vitro Antitumor and In-Vivo Toxicity Evaluation	Syed Nasir Abbas Bukhari	50
Pharmaceutical Chemistry			Q1	Pharmaceuticals 2022, 15(3), 303; https://doi.org/10.3390/ph15030303	Exploring the Prominent and Concealed Inhibitory Features for Cytoplasmic Isoforms of Hsp90 Using QSAR Analysis	Syed Nasir Abbas Bukhari	51
Pharmaceutical Chemistry		Q2		Molecules 2022, 27(9), 2939; https://doi.org/10.3390/molecules27092939	Synthesis and Characterization of Dihydrouracil Analogs Utilizing Biginelli Hybrids	Syed Nasir Abbas Bukhari	52
Pharmaceutical Chemistry		Q2		Journal of Drug Delivery Science and Technology Volume 69, March 2022, 103144 https://doi.org/10.1016/j.jddst.2022.103144	A pH-responsive, biocompatible, and non-toxic citric acid cross-linked polysaccharide-based hydrogel from Salvia spinosa L. offering zero-order drug release	Syed Nasir Abbas Bukhari	53
Pharmaceutical Chemistry			Q1	Pharmaceutics 2022, 14(4), 866; https://doi.org/10.3390/pharmaceutics14040866	Emerging Nanotherapeutic Approaches to Overcome Drug Resistant Cancers with Update on Clinical Trials	Syed Nasir Abbas Bukhari	54

Pharmaceutical Chemistry	Q4				Pakistan Journal of Pharmaceutical Sciences Vol.35, No.1(Suppl), January 2022, pp.281-285	Cardioprotective potential of Thymus linearis Benth	Syed Nasir Abbas Bukhari	55
Pharmaceutical Chemistry	Q4				Pakistan Journal of Pharmaceutical Sciences Vol.35, No.1(Suppl), January 2022, pp.253-257	Pharmacological exploration of anti-arthritic potential of terbutaline through in-vitro and in-vivo experimental models	Syed Nasir Abbas Bukhari	56
Pharmaceutical Chemistry	Q4				Pakistan Journal of Pharmaceutical Sciences Vol.35, No.1(Suppl), January 2022, pp.171-175	Pharmacological evaluation of cardioprotective potential of Berberis orthobotrys Bien.ex Aitch.	Syed Nasir Abbas Bukhari	57
Pharmaceutical Chemistry			Q2		Mini Reviews in Organic Chemistry http://dx.doi.org/10.2174/1570193X19666220316142832	Metal-Organic Framework Based Drug Delivery for Alzheimer Therapy and Clinical Progress	Syed Nasir Abbas Bukhari	58
Pharmaceutical Chemistry			Q2		Current Medicinal Chemistry Volume 29 , Issue 17 , 2022 Page: [2995 - 3027] DOI: 10.2174/0929867328666211026120335mistry	Small Molecules as LIM Kinase Inhibitors	Syed Nasir Abbas Bukhari	59

Pharmaceutical Chemistry		Q3			Current Drug Delivery Volume 19 , Issue 1 , 2022 Page: [17 - 31] DOI: 10.2174/15672018186662 10910162750	Nanotherapeutics for Alzheimer's Disease with Preclinical Evaluation and Clinical Trials: Challenges, Promises and Limitations	Syed Nasir Abbas Bukhari	60
Pharmaceutical Chemistry		Q3			Current Drug Delivery Volume 19 , Issue 6 , 2022 Page: [686 - 696] DOI: 10.2174/15672018186662 10805153347	Formulation and evaluation of hydroxypropylmethylcellulose-dicyclomine microsponges for colon targeted drug delivery: In vitro and in vivo evaluation	Syed Nasir Abbas Bukhari	61
Pharmaceutical Chemistry				Q1	Gels https://doi.org/10.3390/gels8050290	In Vitro and Biological Characterization of Dexamethasone Sodium Phosphate Laden pH-Sensitive and Mucoadhesive Hydroxy Propyl β -Cyclodextrin-g-poly(Acrylic Acid)/Gelatin Semi-Interpenetrating Networks	Muhammad Usman Munir	62
Pharmaceutical Chemistry				Q1	Inflammopharmacology https://doi.org/10.1007/s10787-022-00960-w	Pharmacological evaluation of anti-arthritic potential of terpinen-4-ol using in vitro and in vivo assays	Muhammad Usman Munir	63

Pharmaceutical Chemistry				Q1	Pharmaceutics https://doi.org/10.3390/pharmaceutics14030582	Nanomaterials Aiming to Tackle Antibiotic-Resistant Bacteria	Muhammad Usman Munir	64
Pharmaceutical Chemistry				Q1	International Journal of Nanomedicine https://doi.org/10.2147/IJN.S360670	Synthesis, Characterization, Functionalization and Bio-Applications of Hydroxyapatite Nanomaterials: An Overview	Muhammad Usman Munir	65
Pharmaceutical Chemistry	Q4				Medicinal Chemistry Research 10.1007/s00044-021-02832-4	Isatin derivatives as broad-spectrum antiviral agents: the current landscape	Tilal Elsaman	66
Pharmaceutical Chemistry	Q4				Pakistan Journal of Pharmaceutical Sciences 2022, Vol 35 Issue 1 (Supp) Page No: 313-321 doi.org/10.36721/PJPS.2022.35.1.SUP.313-321.1	De novo design of novel spike glycoprotein inhibitors using e-pharmacophore modeling, molecular hybridization, ADMET, quantum mechanics and molecular dynamics studies for COVID-19	Magdi A. Mohamed	67
Pharmaceutical Chemistry				Q1	Pharmaceuticals 2022, 15(1), 44; https://doi.org/10.3390/ph15010044	Solulan C24- and Bile Salts-Modified Niosomes for New Ciprofloxacin Mannich Base for Combatting Pseudomonas-Infected Corneal Ulcer in Rabbits	Mohamed Abdelwahab	68

Pharmaceutical Chemistry				Q1	Journal of Enzyme Inhibition and Medicinal Chemistry Volume 37, 2022 - Issue 1 Pages 1556-1567 https://doi.org/10.1080/14756366.2022.2080205	Triazoloquinoxalines-based DNA intercalators-Topo II inhibitors: design, synthesis, docking, ADMET and anti-proliferative evaluations	Mohamed Abdelwahab	69
Pharmaceutical Chemistry				Q1	Journal of Enzyme Inhibition and Medicinal Chemistry Volume 37, 2022 - Issue 1 Pages 986-993 https://doi.org/10.1080/14756366.2022.2055009	Biological investigation of N-methyl thiosemicarbazones as antimicrobial agents and bacterial carbonic anhydrases inhibitors	Mohamed Abdelwahab	70
Pharmaceutical Chemistry			Q2		Arabian Journal of Chemistry Volume 15, Issue 8, August 2022, 104015 https://doi.org/10.1016/j.arabjc.2022.104015	Optimization of pyrazolo [1, 5-a] pyrimidine based compounds with pyridine scaffold: Synthesis, biological evaluation and molecular modeling study	Mohamed Abdelwahab	71

Pharmaceutical Chemistry			Q2		Evidence-Based Complementary and Alternative Medicine Volume 2022 Article ID 5118553 https://doi.org/10.1155/2022/5118553	Efficiency of Multiple Extraction Solvents on Antioxidant, Cytotoxic, and Phytotoxic Potential of <i>Taraxacum officinale</i> (L.) Weber ex F.H. Wigg. from Poonch Valley, Azad Kashmir, Pakistan	Mohamed Abdelwahab	72
Pharmaceutical Chemistry			Q2		ACS Omega 2022, 7, 19, 16244–16259 https://doi.org/10.1021/acsomega.2c01470	Exploration of the Detailed Structure–Activity Relationships of Isatin and Their Isomers As Monoamine Oxidase Inhibitors	Mohamed Abdelwahab	73
Pharmaceutical Chemistry			Q2		Molecules 2022, 27(9), 2949; https://doi.org/10.3390/molecules27092949	Investigation of Chemical Compositions and Biological Activities of <i>Mentha suaveolens</i> L. from Saudi Arabia	Mohamed Abdelwahab	74
Pharmaceutical Chemistry				Q1	Critical Reviews in Food Science and Nutrition https://doi.org/10.1080/10408398.2022.2071205	The nutraceutical properties and health benefits of pseudocereals: a comprehensive treatise	Mohamed Abdelwahab	75
Pharmaceutical Chemistry			Q2		International wound journal https://doi.org/10.1111/iwj.13814	A meta-analysis showing the effect of surgical site wound infections and associated risk factors in neonatal surgeries	Mohamed Abdelwahab	76

Pharmaceutical Chemistry			Q1	Polymers 2022, 14(8), 1594; https://doi.org/10.3390/polym14081594	Review of the Recent Advances in Electrospun Nanofibers Applications in Water Purification	Mohamed Abdelwahab	77
Pharmaceutical Chemistry			Q2	Molecules 2022, 27(8), 2532; https://doi.org/10.3390/molecules27082532	Antibacterial and Wound-Healing Activities of Statistically Optimized Nitrofurazone- and Lidocaine-Loaded Silica Microspheres by the Box–Behnken Design	Mohamed Abdelwahab	78
Pharmaceutical Chemistry			Q2	Journal of Materials chemistry. B, 13 Apr 2022, 10(15):2781-2819 DOI: 10.1039/d2tb00031h	Cubosomes as an emerging platform for drug delivery: a review of the state of the art	Mohamed Abdelwahab	79
Pharmaceutical Chemistry			Q1	Pharmaceuticals 2022, 15(3), 341; https://doi.org/10.3390/ph15030341	Pioglitazone Synthetic Analogue Ameliorates Streptozotocin-Induced Diabetes Mellitus through Modulation of ACE 2/Angiotensin 1–7 via PI3K/AKT/mTOR Signaling Pathway	Mohamed Abdelwahab	80
Pharmaceutical Chemistry			Q2	Molecules 2022, 27(5), 1704; https://doi.org/10.3390/molecules27051704	The Chemical Profiling, Docking Study, and Antimicrobial and Antibiofilm Activities of the Endophytic fungi <i>Aspergillus</i> sp. AP5	Mohamed Abdelwahab	81

Pharmaceutical Chemistry			Q1	Results in Physics Volume 34, March 2022, 105259 https://doi.org/10.1016/j.rinp.2022.105259	On dynamics of an eco-epidemics system incorporating fractional operators of singular and nonsingular types	Mohamed Abdelwahab	82
Pharmaceutical Chemistry			Q2	ACS Omega 2022, 7, 9, 8184–8197 https://doi.org/10.1021/acsomega.2c00397	Conjugated Dienones from Differently Substituted Cinnamaldehyde as Highly Potent Monoamine Oxidase-B Inhibitors: Synthesis, Biochemistry, and Computational Chemistry	Mohamed Abdelwahab	83
Pharmaceutical Chemistry			Q1	Pharmaceutics 2022, 14(3), 482; https://doi.org/10.3390/pharmaceutics14030482	Enhancement of the Solubility and Bioavailability of Pitavastatin through a Self-Nanoemulsifying Drug Delivery System (SNEDDS)	Mohamed Abdelwahab	84
Pharmaceutical Chemistry		Q3		Combinatorial Chemistry & High Throughput Screening, 14 Feb 2022 DOI: 10.2174/1386207325666220214110717	Extended double bond conjugation in the chalcone framework favours MAO-B inhibition: A structural perspective on .molecular dynamics	Mohamed Abdelwahab	85

Pharmaceutical Chemistry			Q1	Pharmaceuticals 2022, 15(2), 226; https://doi.org/10.3390/ph15020226	Design, Molecular Docking, Synthesis, Anticancer and Anti-Hyperglycemic Assessments of Thiazolidine-2,4-diones Bearing Sulfonylthiourea Moieties as Potent VEGFR-2 Inhibitors and PPAR γ Agonists	Mohamed Abdelwahab	86
Pharmaceutical Chemistry			Q2	Arabian Journal of Chemistry Volume 15, Issue 5, May 2022, 103781 https://doi.org/10.1016/j.arabjc.2022.103781	Targeting tumor cells with pyrazolo[3,4-d]pyrimidine scaffold: A literature review on synthetic approaches, structure activity relationship, structural and target-based mechanisms	Mohamed Abdelwahab	87
Pharmaceutical Chemistry			Q2	International wound journal First published: 05 February 2022 https://doi.org/10.1111/iwj.13758	A meta-analysis comparing efficiency of limb-salvage surgery vs amputation on patients with osteosarcoma treated with neoadjuvant chemotherapy	Mohamed Abdelwahab	88
Pharmaceutical Chemistry			Q2	Molecules 2022, 27(9), 2940; https://doi.org/10.3390/molecules27092940	Novel Pyridinium Based Ionic Liquid Promoter for Aqueous Knoevenagel Condensation: Green and Efficient Synthesis of New Derivatives with Their Anticancer Evaluation	Mohamed Abdelwahab	89

Pharmaceutical Chemistry			Q2	Molecules 2022, 27(9), 2940; https://doi.org/10.3390/molecules27092940	Novel Pyridinium Based Ionic Liquid Promoter for Aqueous Knoevenagel Condensation: Green and Efficient Synthesis of New Derivatives with Their Anticancer Evaluation	Mohamed Abdelwahab	90
Pharmaceutical Chemistry			Q1	Polymers 2022, 14(8), 1508; https://doi.org/10.3390/polym14081508	Recent Progress and Potential Biomedical Applications of Electrospun Nanofibers in Regeneration of Tissues and Organs	Mohamed Abdelwahab	91
Pharmaceutical Chemistry			Q2	J. Mater. Chem. B, 2022,10, 3199-3241 https://doi.org/10.1039/D1TB02709C	Bacterial cellulose as a potential biopolymer in biomedical applications: a state-of-the-art review	Mohamed Abdelwahab	92
Pharmaceutical Chemistry			Q1	Pharmaceutics Feb 14;14(2):410. 2022 . doi: 10.3390/pharmaceutics14020410	Assessment of Nasal-Brain-Targeting Efficiency of New Developed Mucoadhesive Emulsomes Encapsulating an Anti-Migraine Drug for Effective Treatment of One of the Major Psychiatric Disorders Symptoms	Mohamed Abdelwahab	93
Pharmaceutical Chemistry			Q1	Front Pharmacol. 2021; 12: .774896 Published online 2022 Feb 14. doi: 10.3389/fphar.2021.774896	Emerging Anthelmintic Resistance in Poultry: Can ethnopharmacological approaches offer a solution	Mohamed Abdelwahab	94

Pharmaceutical Chemistry				Q1	Front. Microbiol., 10 February 2022 https://doi.org/10.3389/fmicb.2022.753054	Genetic Structure of Cucumber Mosaic Virus From Natural Hosts in Nigeria Reveals High Diversity and Occurrence of Putative Novel Recombinant Strains	Mohamed Abdelwahab	95
Pharmaceutical Chemistry				Q1	Journal of Inflammation Research 2022:15 451–463	Docking Study, Synthesis, and Anti-Inflammatory Potential of Some New Pyridopyrimidine-Derived Compounds	Mohamed Abdelwahab	96
Pharmaceutical Chemistry			Q2		Molecules 2022, 27(2), 375; https://doi.org/10.3390/molecules27020375	Development and Greenness Assessment of HPLC Method for Studying the Pharmacokinetics of Co-Administered Metformin and Papaya Extract	Mohamed Abdelwahab	97
Pharmacology			Q2		Polymers 2021, 13(24), 4364; https://doi.org/10.3390/polym13244364	Green Synthesis and Characterization of Copper Nanoparticles Using Fortunella margarita Leaves	D. Sami I. Alzarea	98

Pharmacology				Q1	Antibiotics 2021, 10(12), 1473; https://doi.org/10.3390/antibiotics10121473	Nanotechnology as a Novel Approach in Combating Microbes Providing an Alternative to Antibiotics	D. Sami I. Alzarea	99
Pharmacology				Q1	Antioxidants 2021, 10(12), 1998; https://doi.org/10.3390/antiox10121998	Diosmin Alleviates Doxorubicin-Induced Liver Injury via Modulation of Oxidative Stress-Mediated Hepatic Inflammation and Apoptosis via NfκB and MAPK Pathway: A Preclinical Study	D. Sami I. Alzarea	100
Pharmacology				Q1	Life Sci. 2021 Dec 1; 286;120040. https://doi.org/10.1016/j.lfs.2021.120040	Ingestion of mannose ameliorates thioacetamide-induced intrahepatic oxidative stress, inflammation and fibrosis in rats	D. Mohamed Elsayed Shaker	101
Pharmacology				Q1	Saudi Pharmaceutical Journal Volume 29, Issue 8, August 2021, Pages 843-856	Nano lipidic carriers for codelivery of sorafenib and ganoderic acid for enhanced synergistic antitumor efficacy against hepatocellular carcinoma	D. Khalid Alharbi	102
Pharmacology				Q1	Drug Discovery Today Volume 26, Issue 12, December 2021, Pages 2881-2888	Therapeutic potential of nanoemulsions as feasible wagons for targeting Alzheimer's disease	D. Khalid Alharbi	103

Pharmacology				Q1	Drug Discovery Today Volume 26, Issue 11, November 2021, Pages 2726-2733	Three 'D's: Design approach, dimensional printing, and drug delivery systems as promising tools in healthcare applications	D. Khalid Alharbi	10 4
Pharmacology				Q1	Molecules 2021, 26(22), 6798; https://doi.org/10.3390/molecules26226798	Design and Synthesis of (2-oxo-1,2-Dihydroquinolin-4-yl)- 1,2,3-triazole Derivatives via Click Reaction: Potential Apoptotic Antiproliferative Agents	D. Hesham Anwar Mohamed	10 5
Pharmacology				Q1	Bioorganic Chemistry Volume 116, November 2021, 105363	Discovery of novel oxazole-based macrocycles as anti-coronaviral agents targeting SARS-CoV-2 main protease	D. Hesham Anwar Mohamed	10 6
Pharmacology				Q1	Bioorganic Chemistry 116 (2021) 105302 https://doi.org/10.1016/j.bioorg.2021.105302	Novel 1,5-diaryl pyrazole-3-carboxamides as selective COX-2/sEH inhibitors with analgesic, anti-inflammatory, and lower cardiotoxicity effects	D. Omnia Magdy Mohammed	10 7
Pharmacology			Q2		Saudi Pharmaceutical Journal 29 (2021) 1303– 1313	Cold-pressed raspberry seeds oil ameliorates high-fat diet triggered non-alcoholic fatty liver disease	D. Omnia Magdy Mohammed	10 8

Pharmacology			Q2		Pharmaceutics 2021, 13(11), 1812; https://doi.org/10.3390/pharmaceutics13111812	Influence of Stabilizer on the Development of Luteolin Nanosuspension for Cutaneous Delivery: An In Vitro and In Vivo Evaluation	D. Omnia Magdy Mohammed	109
Pharmacology				Q1	Scientific Reports (2021) 11:15516 https://doi.org/10.1038/s41598-021-94809-x	Identification of non-classical hCA XII inhibitors using combination of computational approaches for drug design and discovery	D. Shaimaa Salah ElDeen Hussein	110
Pharmacology	Q4				International Journal of Pharmacology, 16: 398-406. DOI: 10.3923/ijp.2020.398.406	Prevention of Metabolic, Redox and Lipid Biosynthesis Alterations by Visnagin in High Cholesterol-Fed Rats	D. Fakhria Abdallah AlJoufi	111
Pharmacology			Q2		Saudi Journal of Biological Sciences 29 (5), 3414-3424	Protective effect of Apremilast against LPS-induced acute lung injury via modulation of oxidative stress and inflammation	D. Muhammad Afzal	112
Pharmacology				Q1	Pharmaceutics 14 (4), 783	Formulation and Evaluation of Apigenin-Loaded Hybrid Nanoparticles	D. Muhammad Afzal	113

Pharmacology				Q1	Polymers 14 (7), 1349	Formulation of Piperine Nanoparticles: In Vitro Breast Cancer Cell Line and In Vivo Evaluation	D. Muhammad Afzal	114
Pharmacology			Q2		Gene 824, 146395	Non-negative matrix factorization and differential expression analyses identify hub genes linked to progression and prognosis of glioblastoma multiforme	D. Muhammad Afzal	115
Pharmacology			Q2		Regenerative Therapy 19, 144-153	Role of platelet rich plasma mediated repair and regeneration of cell in early stage of cardiac injury	D. Muhammad Afzal	116
Pharmacology				Q1	Pharmaceutics 14 (3), 547	Rosinidin Flavonoid Ameliorates Hyperglycemia, Lipid Pathways and Proinflammatory Cytokines in Streptozotocin-Induced Diabetic Rats	D. Muhammad Afzal	117
Pharmacology				Q1	Biomedicines 10 (3), 540	Polycystic Ovarian Syndrome: A Complex Disease with a Genetics Approach	D. Muhammad Afzal	118

Pharmacology			Q2		Neurotoxicity research, 1-12	Anti-Huntington's Effect of Butin in 3-Nitropropionic Acid-Treated Rats: Possible Mechanism of Action	D. Muhammad Afzal	119
Pharmacology			Q2		ACS Omega 2022, 7, 1, 140–148	Shogaol Attenuates Traumatic Brain -6 Injury-Induced Anxiety/Depression-like Behavior via Inhibition of Oxidative Stress-Influenced Expressions of Inflammatory Mediators TNF- α , IL-1 β , and BDNF: Insight into the Mechanism	D. Muhammad Afzal	120
Pharmacology			Q2		ACS Chem. Neurosci. 2021, 12, 24, 4587–4597	Fustin Inhibits Oxidative Free Radicals and Inflammatory Cytokines in Cerebral Cortex and Hippocampus and Protects Cognitive Impairment in Streptozotocin-Induced Diabetic Rats	D. Muhammad Afzal	121
Pharmacology				Q1	Biomedicines 9 (12), 1843	Current Overview on Therapeutic Potential of Vitamin D in Inflammatory Lung Diseases	D. Muhammad Afzal	122
Pharmacology				Q1	Pharmaceutics 13 (12), 2086	Formulation and Evaluation of Kaempferol Loaded Nanoparticles against Experimentally Induced Hepatocellular Carcinoma: In Vitro and In Vivo Studies	D. Muhammad Afzal	123

Pharmacology			Q2		Metabolites 11 (11), 794	Sodium-Glucose Cotransporter-2 Inhibitors Improve Cardiovascular Dysfunction in Type 2 Diabetic East Asians	D. Muhammad Afzal	124
Pharmacology	Q4				Int. J. Pharmacol. 17 (7), 499-505	Boswellic Acid Attenuates Scopolamine-Induced Neurotoxicity and Dementia in Rats: Possible Mechanism of Action	D. Muhammad Afzal	125
Pharmacology			Q2		ACS omega 6 (40), 26098-26107	Fustin Ameliorates Elevated Levels of Leptin, Adiponectin, Serum TNF- α , and Intracellular Oxidative Free Radicals in High-Fat Diet and Streptozotocin-Induced Diabetic Rats	D. Muhammad Afzal	126
Pharmacology			Q2		Urolithiasis 49 (4), 301-308	Methanolic extract of Cucumis melo attenuates ethylene glycol-induced nephrolithiasis in Wistar rats	D. Muhammad Afzal	127
Pharmacology			Q2		Genes 13 (3), 518	Screening the Significant Hub Genes by Comparing Tumor Cells, Normoxic and Hypoxic Glioblastoma Stem-like Cell Lines Using Co-Expression Analysis in Glioblastoma	D. Muhammad Afzal	128

Pharmacology	Q4				International Journal of Pharmacology 18(4):826-841	Levonorgestrel and Desogestrel Modulate Gut Microbiota and Blood Biochemistry of Female Wistar Rats	D. Muhammad Afzal	129
Pharmacology	Q4				International Journal of Pharmacology 18(4):673-681	Acute Toxicity Studies and Psychopharmacological Effects of Eucalyptus globulus Leaf Oil in Rodents	D. Muhammad Afzal	130
Pharmacology			Q2		Medicina Accepted Manuscript	Potential Role of Nutraceuticals via Targeting a Wnt/ β -Catenin and NF- κ B pathway in Treatment of Osteoarthritis	D. Muhammad Afzal	131
Pharmacology				Q1	Arabian Journal of Chemistry Volume 15, Issue 1, January 2022, 103538	Novel 1,2,4-oxadiazole/pyrrolidine hybrids as DNA gyrase and topoisomerase IV inhibitors with potential antibacterial activity	D. Hesham Anwar Mohamed	132
Pharmacology		Q3			Journal of Molecular Structure Volume 1253, 5 April 2022, 132218	Design and synthesis of new triarylimidazole derivatives as dual inhibitors of BRAF V600E /p38 α with potential antiproliferative activity	D. Hesham Anwar Mohamed	133

Pharmacology		Q3		Journal of Molecular Structure Volume 1254, 15 April 2022, 132422	Structure-based design, synthesis and antiproliferative action of new quinazoline-4-one/chalcone hybrids as EGFR inhibitors	D. Hesham Anwar Mohamed	134
Pharmacology			Q2	Archiv der Pharmazie · February 2022 DOI: 10.1002/ardp.202200009	New 1,3,4-oxadiazoles linked with the 1,2,3-triazole moiety as antiproliferative agents targeting the EGFR tyrosine kinase	D. Hesham Anwar Mohamed	135
Pharmacology				Q1 Bioorganic Chemistry Volume 121, April 2022, 105693 https://doi.org/10.1016/j.bioorg.2022.105693	Discovery of new pyrimido[5,4-c]quinolines as potential antiproliferative agents with multitarget actions: Rapid synthesis, docking, and ADME studies	D. Hesham Anwar Mohamed	136
Pharmacology			Q2	Archiv der Pharmazie, Pub Date : 2022-04-01, DOI: 10.1002/ardp.202100516	New 1,2,4-oxadiazole/pyrrolidine hybrids as topoisomerase IV and DNA gyrase inhibitors with promising antibacterial activity	D. Hesham Anwar Mohamed	137
Pharmacology			Q2	Archiv der Pharmazie, 15 April 2022 https://doi.org/10.1002/ardp.202200024	New pyrimidine/thiazole hybrids endowed with analgesic, anti-inflammatory, and lower cardiotoxic activities: Design, synthesis, and COX-2/SEH dual inhibition	D. Hesham Anwar Mohamed	138

Pharmacology			Q1	Arch. Pharm. 2022;e2200045. https://doi.org/10.1002/ardp.202200045	A comprehensive review of recent advances in the biological activities of 1,2,4-oxadiazoles	D. Omnia Magdy Mohammed	139
Pharmacology			Q2	Int Immunopharmacol Feb 2022; 103; 108463. https://doi.org/10.1016/j.intimp.2021.108463	The JAK inhibitor ruxolitinib abrogates immune hepatitis instigated by concanavalin A in mice	D. Mohamed Elsayed Shaker	140
Pharmacology			Q1	Bioorg Chem 2022 Mar; 120:105616. https://doi.org/10.1016/j.bioorg.2022.105616	Optimization and SAR investigation of novel 2,3-dihydropyrazino[1,2-a]indole-1,4-dione derivatives as EGFR and BRAFV600E dual inhibitors with potent antiproliferative and antioxidant activities	D. Mohamed Elsayed Shaker	141
Pharmacology			Q2	Saudi Pharm. J. Mar 2022, 30(3): 291-9. https://doi.org/10.1016/j.jsps.2022.01.007	Digoxin mitigates diethylnitrosamine-induced acute liver injury in mice via limiting production of inflammatory mediators	D. Mohamed Elsayed Shaker	142
Pharmacology			Q1	Biomed Pharmacother. 2022; 148:112789. https://doi.org/10.1016/j.biopha.2022.112789	The contribution of sterile inflammation to the fatty liver disease and the potential therapies	D. Mohamed Elsayed Shaker	143

Pharmacology			Q2	Int. J. Mol. Sci. 2022, 23(3), 1499; https://doi.org/10.3390/ijms23031499	Genes and Longevity of Lifespan	D. Sami I. Alzarea	144
Pharmacology			Q2	Antioxidants 2022, 11(2), 232; https://doi.org/10.3390/antiox11020232	Lycopene: A Natural Arsenal in the War against Oxidative Stress and Cardiovascular Diseases	D. Sami I. Alzarea	145
Pharmacology			Q2	Int. J. Mol. Sci. 2022, 23(3), 1861; https://doi.org/10.3390/ijms23031861	Theranostic Interpolation of Genomic Instability in Breast Cancer	D. Sami I. Alzarea	146
Pharmacology			Q1	Front. Pharmacol., 15 February 2022 https://doi.org/10.3389/fphar.2022.810052	Butin Attenuates Arthritis in Complete Freund's Adjuvant-Treated Arthritic Rats: Possibly Mediated by Its Antioxidant and Anti-Inflammatory Actions	D. Sami I. Alzarea	147
Pharmacology			Q1	Molecules 2022, 27(4), 1300; https://doi.org/10.3390/molecules27041300	Phytochemicals Mediated Synthesis of AuNPs from Citrullus colocynthis and Their Characterization	D. Sami I. Alzarea	148

Pharmaceutics		Q3			AAPS PharmSciTech 22(7):231, 31Aug 2021. DOI: 10.1208/s12249-021-02098-4	Formulation of Chitosan-Coated Piperine NLCs: Optimization, In Vitro Characterization, and In Vivo Preclinical Assessment	Ameeduzzafar	153
Pharmaceutics				Q1	International Journal of biological macromolecules 2021, 188, 1025-1036 https://doi.org/10.1016/j.ijbiomac.2021.08.065	Exploring indole-based-thiadiazole derivatives as potent acetylcholinesterase and butyrylcholinesterase enzyme inhibitors	Ameeduzzafar	154
Pharmaceutics				Q1	Polymers, 2021 13, 3512 https://doi.org/10.3390/polym13203512	Enhanced Dissolution of Sildenafil Citrate Using Solid Dispersion with Hydrophilic Polymers: Physicochemical Characterization and In Vivo Sexual Behavior Studies in	Ameeduzzafar	155

Pharmaceutics				Q1	Pharmaceutics, 21th October 2021; 13:1754 https://doi.org/10.3390/pharmaceutics13111754	Green Synthesized Silver Nanoparticles Using Tridax Procumbens for Topical Application: Excision Wound Model and Histopathological Studies	Ameeduzzafar	156
Pharmaceutics	Q4				Cutaneous and Ocular toxicology, 3rd August 2021, 40. (4) 338–34 https://doi.org/10.1080/15569527.2021.1958225	Formulation of carteolol chitosomes for ocular delivery: formulation optimization, ex-vivo permeation, and ocular toxicity examination	Ameeduzzafar	157
Pharmaceutics				Q1	22 November 2021, 13(22), 4036, https://doi.org/10.3390/plym13224036	Recent Advancement in Chitosan-Based Nanoparticles for Improved Oral Bioavailability and Bioactivity of Phytochemicals: Challenges and Perspectives	Ameeduzzafar	158
Pharmaceutics			Q2		Saudi Pharmaceutical Journal Volume 29, Issue 9, September 2021, Pages 999-1012 https://doi.org/10.1016/j.jsps.2021.07.015	Nanostructured lipid carriers (NLCs) as drug delivery platform: Advances in formulation and delivery strategies	محمد الموافي جمعه أبورية	159

Pharmaceutics			Q2	Journal of Drug Delivery Science and Technology Volume 65, October 2021, 102727 https://doi.org/10.1016/j.jddst.2021.102727	Hybrid polylactic acid/Eudragit L100 nanoparticles: A promising system for enhancement of bioavailability and pharmacodynamic efficacy of luteolin	محمد الموافي جمعه أبورية	160
Pharmaceutics			Q1	Pharmaceutics Volume 13, Issue 11, 1812 https://doi.org/10.3390/pharmaceutics13111812	Influence of Stabilizer on the Development of Luteolin Nanosuspension for Cutaneous Delivery: An In Vitro and In Vivo Evaluation.	محمد الموافي جمعه أبورية	161
Pharmaceutics			Q1	Pharmaceuticals Volume 14, Issue 12, 1225 https://doi.org/10.3390/pharmaceutics14121225	Intratracheally Inhalable Nifedipine-Loaded Chitosan-PLGA Nanocomposites as a Promising Nanoplatform for Lung Targeting: Snowballed Protection via Regulation of TGF- β / β -Catenin Pathway in Bleomycin-Induced Pulmonary Fibrosis	محمد حسن الكوي	162
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Pharmaceutics				Q1	Pharmaceutics, 30 March 2022 16 (2021) 85–98, https://doi.org/10.3390/pharmaceutics14040756	Intranasal Cerium Oxide Nanoparticles Ameliorate Cognitive Function in Rats with Alzheimer's via Anti-Oxidative Pathway	Ameeduzzafar	164
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Pharmaceutics			Q2		Journal of Cluster Science (2022). https://doi.org/10.1007/s10876-022-02232-7	Bioactive Luteolin Entrapped Chitosan-PLGA Nanoparticles: Formulation Optimization to In-Vivo Preclinical Evaluation	Ameeduzzafar	167
Pharmaceutics	Q4				Assay Drug Dev Technol . 2022 Jan;20(1):5-21. doi: 10.1089/adt.2021.084	Formulation of Lipid-Based Nanocarriers of Lacidipine for Improvement of Oral Delivery: Box-Behnken Design Optimization, In Vitro, Ex Vivo, and Preclinical Assessment	Ameeduzzafar	168

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Pharmaceutics			Q2	<p>Journal of Biomedical Nanotechnology</p> <p>volume 18 issue 1 - P. 234-242</p> <p>DOI: https://doi.org/10.1166/jbn.2022.3219</p>	Effect of Olive Oil Acidity on Skin Delivery of Diclofenac: In Vitro Evaluation and Ex Vivo Skin Permeability Studies	خالد شلبي محمد احمد	17 3	
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Clinical pharmacy			Q2	Vaccines. 2022; 10(1):18. https://doi.org/10.3390/vaccines10010018	SARS-CoV-2 Post Vaccinated Adverse Effects and Efficacy in the Egyptian Population	Abdulaziz I Alzarea	182

Clinical pharmacy	Q4				Latin American Journal of Pharmacy 2022;41(4):861-7	Drug Utilization Evaluation among Neonates admitted to Neonatal Intensive Care Unit (NICU) in Kingdom of Saudi Arabia: A Pilot Analysis.	Nasser Hadal Alotaibi	18 3
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pharmacology		Q3			Records of Natural Products, 15:4 (2021) 301-311, DOI: http://doi.org/10.25135/rnp.220.20.11.1859	Volatile Constituents of <i>Cistanche tubulosa</i> and Their Antioxidant and Antimicrobial Potentials	د. عرفه قاسم عواد موسى	19 3
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