

Syed N A Bukhari

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

168
papers

3,710
citations

36
h-index

52
g-index

206
ext. papers

4,709
ext. citations

4.1
avg. IF

5.96
L-index

#	Paper	IF	Citations
168	A pH-responsive, biocompatible, and non-toxic citric acid cross-linked polysaccharide-based hydrogel from <i>Salvia spinosa</i> L. offering zero-order drug release. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 69, 103144	4.5	3
167	Synthesis and evaluation of new chalcones and oximes as anticancer agents.. <i>RSC Advances</i> , 2022 , 12, 10307-10320	3.7	2
166	Design, synthesis, and biological evaluation of novel pyrido-dipyrimidines as dual topoisomerase II/FLT3 inhibitors in leukemia cells.. <i>Bioorganic Chemistry</i> , 2022 , 122, 105752	5.1	1
165	An insight into the multifunctional role of ghrelin and structure activity relationship studies of ghrelin receptor ligands with clinical trials.. <i>European Journal of Medicinal Chemistry</i> , 2022 , 235, 114308	6.8	
164	Emerging Nanotherapeutic Approaches to Overcome Drug Resistance in Cancers with Update on Clinical Trials.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	4
163	Pharmacological evaluation of cardioprotective potential of <i>Berberis orthobotrys</i> Bien.ex Aitch.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2022 , 35, 171-175	0.4	
162	Pharmacological exploration of anti-arthritic potential of terbutaline through in-vitro and in-vivo experimental models.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2022 , 35, 253-257	0.4	
161	Cardioprotective potential of <i>Thymus linearis</i> Benth.. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2022 , 35, 281-285	0.4	
160	Synthesis and Characterization of Antibiotic Loaded Biodegradable Citrate Functionalized Mesoporous Hydroxyapatite Nanocarriers as an Alternative Treatment for Bone Infections. <i>Pharmaceutics</i> , 2022 , 14, 975	6.4	1
159	<i>Prunus armeniaca</i> Gum-Alginate Polymeric Microspheres to Enhance the Bioavailability of Tramadol Hydrochloride: Formulation and Evaluation. <i>Pharmaceutics</i> , 2022 , 14, 916	6.4	2
158	Synthesis of pH-Sensitive Cross-Linked Basil Seed Gum/Acrylic Acid Hydrogels by Free Radical Copolymerization Technique for Sustained Delivery of Captopril. <i>Gels</i> , 2022 , 8, 291	4.2	1
157	Metal Complexation of Arabinoxylan Engenders a Smart Material Offering pH, Solvents, and Salt Responsive On/Off Swelling with the Potential for Sustained Drug Delivery. <i>Gels</i> , 2022 , 8, 283	4.2	1
156	Protective Effect of Butanolic Fraction of <i>Delphinium brunonianum</i> on Fructose-Mediated Metabolic Alterations in Rats. <i>Metabolites</i> , 2022 , 12, 481	5.6	0
155	Design, Synthesis, In Vitro Biological Activity Evaluation and Stabilized Nanostructured Lipid Carrier Formulation of Newly Synthesized Schiff Bases-Based TMP Moieties. <i>Pharmaceutics</i> , 2022 , 15, 679	5.2	1
154	Nano-hydroxyapatite as a delivery system: overview and advancements.. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021 , 49, 717-727	6.1	3
153	Evaluation of Ligustrazine-Based Synthetic Compounds for their Antiproliferative Effects. <i>Medicinal Chemistry</i> , 2021 , 17, 956-962	1.8	2
152	Molecular Epidemiology of Extensively Drug-Resistant Encoded Colistin-Resistant Bacterial Strains Co-Expressing Multifarious β -Lactamases. <i>Antibiotics</i> , 2021 , 10,	4.9	6

151	Novel Phenolic Compounds as Potential Dual EGFR and COX-2 Inhibitors: Design, Semisynthesis, in vitro Biological Evaluation and in silico Insights. <i>Drug Design, Development and Therapy</i> , 2021 , 15, 2325-2337	4.4	4
150	Molecular Epidemiology of Extensively-Drug Resistant Sequence Type 2 Co-Harboring and From Clinical Origin. <i>Infection and Drug Resistance</i> , 2021 , 14, 1931-1939	4.2	1
149	Chromone derivatives bearing pyridinium moiety as multi-target-directed ligands against Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2021 , 110, 104750	5.1	9
148	A review: Biologically active 3,4-heterocycle-fused coumarins. <i>European Journal of Medicinal Chemistry</i> , 2021 , 212, 113034	6.8	24
147	Analogues of 2-Hydroxychalcone with modified C4-substituents as the inhibitors against human acetylcholinesterase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 130-137	5.6	3
146	Design, synthesis, and biological evaluation of new series of pyrrol-2(3H)-one and pyridazin-3(2H)-one derivatives as tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , 2021 , 107, 104522	5.1	3
145	BBD-Based Development of Itraconazole Loaded Nanostructured Lipid Carrier for Topical Delivery: In Vitro Evaluation and Antimicrobial Assessment. <i>Journal of Pharmaceutical Innovation</i> , 2021 , 16, 85-98	1.8	18
144	Appraisal of the Antiarthritic Potential of Prazosin via Inhibition of Proinflammatory Cytokine TNF- α Key Player in Rheumatoid Arthritis. <i>ACS Omega</i> , 2021 , 6, 2379-2388	3.9	1
143	Development of 3-methyl/3-(morpholinomethyl)benzofuran derivatives as novel antitumor agents towards non-small cell lung cancer cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021 , 36, 987-999	5.6	10
142	Synthesis and evaluation of novel arylisoxazoles linked to tacrine moiety: in vitro and in vivo biological activities against Alzheimer's disease. <i>Molecular Diversity</i> , 2021 , 1	3.1	2
141	Design, physico-chemical assessment and pharmacokinetics of a non-toxic orodispersible film for potential application in musculo-skeletal disorder. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 65, 102726	4.5	0
140	REVIEW- Covid-19: Diagnosis, summary of essays and evolving approaches. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021 , 34, 1813-1820	0.4	
139	Ethyl-acetate extract of tara mira (<i>Eruca sativa</i>) alleviates the inflammation and rheumatoid arthritis in rats. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2021 , 34, 1897-1902	0.4	
138	Effects of berberine on intestinal flora of Non-alcoholic fatty liver induced by High-fat diet through 16S rRNA gene segmentation. <i>Journal of King Saud University - Science</i> , 2020 , 32, 2603-2609	3.6	4
137	A stimuli-responsive, superporous and non-toxic smart hydrogel from seeds of mugwort (<i>Artemisia annua</i>): stimuli responsive swelling/deswelling, intelligent drug delivery and enhanced aceclofenac bioavailability.. <i>RSC Advances</i> , 2020 , 10, 19832-19843	3.7	12
136	Alkaloid-rich plant <i>Tylophora indica</i> ; current trends in isolation strategies, chemical profiling and medicinal applications. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 6348-6365	5.9	3
135	Synthesis, biological evaluation and kinase profiling of novel S-benzo[4,5]thiazolo[2,3-c][1,2,4]triazole derivatives as cytotoxic agents with apoptosis-inducing activity. <i>Journal of Molecular Structure</i> , 2020 , 1219, 128567	3.4	8
134	Formulation of Chitosan Polymeric Vesicles of Ciprofloxacin for Ocular Delivery: Box-Behnken Optimization, In Vitro Characterization, HET-CAM Irritation, and Antimicrobial Assessment. <i>AAPS PharmSciTech</i> , 2020 , 21, 167	3.9	18

133	Pharmacological appraisal of ligustrazine based cyclohexanone analogs as inhibitors of inflammatory markers. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 147, 105299	5.1	2
132	MG132 inhibits the expression of PBX3 through miRNAs by targeting Argonaute2 in hepatoma cells. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 2157-2163	4	3
131	Hydroxypropylcellulose-flurbiprofen conjugates: design, characterization, anti-inflammatory activity and enhanced bioavailability. <i>Saudi Pharmaceutical Journal</i> , 2020 , 28, 869-875	4.4	2
130	Thieno[2,3-b]pyridine amines: Synthesis and evaluation of tacrine analogs against biological activities related to Alzheimer's disease. <i>Archiv Der Pharmazie</i> , 2020 , 353, e2000101	4.3	9
129	Role of Microbial Degradation on Drug Stability 2020 , 71-81		
128	Physical Basis of Degradation of Pharmaceutical Products 2020 , 57-70		
127	Improvement of Ocular Efficacy of Levofloxacin by Bioadhesive Chitosan Coated PLGA Nanoparticles: Box-behnken Design, Characterization, Antibacterial Evaluation and Scintigraphy Study. <i>Iranian Journal of Pharmaceutical Research</i> , 2020 , 19, 292-311	1.1	9
126	L.: Insights into the phytochemical profile, therapeutic potential, clinical trials, and future prospective. <i>Iranian Journal of Basic Medical Sciences</i> , 2020 , 23, 1501-1526	1.8	13
125	Design and synthesis of benzodiazepine-1,2,3-triazole hybrid derivatives as selective butyrylcholinesterase inhibitors. <i>Molecular Diversity</i> , 2020 , 24, 997-1013	3.1	4
124	Apigenin-Loaded Solid Lipid Nanoparticle Attenuates Diabetic Nephropathy Induced by Streptozotocin Nicotinamide Through Nrf2/HO-1/NF- κ B Signalling Pathway. <i>International Journal of Nanomedicine</i> , 2020 , 15, 9115-9124	7.3	14
123	Design and synthesis of multi-target directed 1,2,3-triazole-dimethylaminoacryloyl-chromenone derivatives with potential use in Alzheimer's disease. <i>BMC Chemistry</i> , 2020 , 14, 64	3.7	8
122	Flurbiprofen conjugates based on hydroxyethylcellulose: Synthesis, characterization, pharmaceutical and pharmacological applications. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 2101-2109	5.9	2
121	Phytochemical analysis and reappraisal of diuretic activity of Delphinium brunonianum Royle and its mode of action in experimental rats. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020 , 33, 1833-1838	0.4	1
120	Study on vascular mechanisms underlying the hypotensive effect of Sorghum halepense (L.) Pers. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020 , 33, 2219-2230	0.4	
119	Blood pressure lowering effects of Ranunculus scleratus Linn. in normal and fructose induced hypertensive rats and estimation of underlying mechanisms. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020 , 33, 2243-2247	0.4	
118	Phytochemical analysis and hypotensive potential of Teucrium stocksianum Boiss. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020 , 33, 2707-2713	0.4	0
117	Discovery of novel thienoquinoline-2-carboxamide chalcone derivatives as antiproliferative EGFR tyrosine kinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019 , 27, 1076-1086	3.4	19
116	Enhanced immunosuppressive effects of 3,5-bis[4(diethoxymethyl)benzylidene]-1-methyl-piperidin-4-one, an α,β -unsaturated carbonyl-based compound as PLGA-PEG nanoparticles. <i>Drug Design, Development and Therapy</i> , 2019 , 13, 1481-1486	4.4	

115	Antileishmanial and antitrypanosomal activity of symmetrical dibenzyl-substituted α -unsaturated carbonyl-based compounds. <i>Drug Design, Development and Therapy</i> , 2019 , 13, 1179-1185	4.4	1
114	Fabrication, characterization, appraisal of bioavailability and immunomodulatory potential of aceclofenac prodrugs based on hydroxyethylcellulose. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 52, 856-862	4.5	1
113	Aminoalkyl-substituted flavonoids: synthesis, cholinesterase inhibition, β -amyloid aggregation, and neuroprotective study. <i>Medicinal Chemistry Research</i> , 2019 , 28, 974-983	2.2	7
112	Controllably Biodegradable Hydroxyapatite Nanostructures for Cefazolin Delivery against Antibacterial Resistance. <i>ACS Omega</i> , 2019 , 4, 7524-7532	3.9	11
111	Gastroretentive floating matrix tablets of cephadrine based on psyllium husk. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2019 , 8, 206-215	1.3	0
110	Synergistic effects of combined therapy of curcumin and Fructus Ligustri Lucidi for treatment of osteoporosis: cellular and molecular evidence of enhanced bone formation. <i>Journal of Integrative Medicine</i> , 2019 , 17, 38-45	4	10
109	The genus (Convolvaceae): An updated review on indigenous uses, phytochemistry, and pharmacology. <i>Iranian Journal of Basic Medical Sciences</i> , 2019 , 22, 1225-1252	1.8	5
108	Discovery of novel arylenesulfonyl fluorides as potential candidates against methicillin-resistant of Staphylococcus aureus (MRSA) for overcoming multidrug resistance of bacterial infections. <i>European Journal of Medicinal Chemistry</i> , 2019 , 162, 364-377	6.8	52
107	Polysaccharide-Based Superporous, Superabsorbent, and Stimuli Responsive Hydrogel from Sweet Basil: A Novel Material for Sustained Drug Release. <i>Advances in Polymer Technology</i> , 2019 , 2019, 1-11	1.9	29
106	Effects of some natural leads on Trypanosoma and Leishmania strains. <i>Tropical Biomedicine</i> , 2019 , 36, 373-378	0.5	
105	Rhodium(III)-catalyzed Oxidative Coupling of N-Methoxybenzamides and Ethenesulfonyl fluoride: a C-H Bond Activation Strategy for the Preparation of 2-Aryl ethenesulfonyl fluorides and Sulfonyl fluoride Substituted β -Lactams. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 1411-1415	5.2	36
104	Inhibitory effects of α -unsaturated carbonyl-based compounds and their pyrazoline derivatives on the phagocytosis of human neutrophils. <i>Medicinal Chemistry Research</i> , 2018 , 27, 1460-1471	2.2	2
103	A comprehensive review of phytochemical profile, bioactives for pharmaceuticals, and pharmacological attributes of Azadirachta indica. <i>Phytotherapy Research</i> , 2018 , 32, 1241-1272	6.7	41
102	Design, synthesis, mechanistic and histopathological studies of small-molecules of novel indole-2-carboxamides and pyrazino[1,2-a]indol-1(2H)-ones as potential anticancer agents effecting the reactive oxygen species production. <i>European Journal of Medicinal Chemistry</i> , 2018 , 146, 260-273	6.8	39
101	Promising bactericidal approach of dihydrazone analogues against bio-film forming Gram-negative bacteria and molecular mechanistic studies.. <i>RSC Advances</i> , 2018 , 8, 5473-5483	3.7	32
100	Novel 3-phenylcoumarin-lipoic acid conjugates as multi-functional agents for potential treatment of Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2018 , 79, 223-234	5.1	27
99	Design, synthesis and evaluation of novel multi-target-directed ligands for treatment of Alzheimer's disease based on coumarin and lipoic acid scaffolds. <i>European Journal of Medicinal Chemistry</i> , 2018 , 152, 600-614	6.8	44
98	Preparation and evaluation of novel chitosan: gelrite ocular system containing besifloxacin for topical treatment of bacterial conjunctivitis: scintigraphy, ocular irritation and retention assessment. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 959-967	6.1	22

97	Synthesis and biological evaluation of new tetramethylpyrazine-based chalcone derivatives as potential anti-Alzheimer agents. <i>Chemical Biology and Drug Design</i> , 2018 , 92, 1859-1866	2.9	19
96	Synthesis, anticancer activity and molecular modeling studies of 1,2,4-triazole derivatives as EGFR inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018 , 156, 774-789	6.8	65
95	Study of Isothermal, Kinetic, and Thermodynamic Parameters for Adsorption of Cadmium: An Overview of Linear and Nonlinear Approach and Error Analysis. <i>Bioinorganic Chemistry and Applications</i> , 2018 , 2018, 3463724	4.2	76
94	A review on flavonoid-based scaffolds as multi-target-directed ligands (MTDLs) for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2018 , 152, 570-589	6.8	72
93	Immunomodulatory effects of <i>Tinospora crispa</i> extract and its major compounds on the immune functions of RAW 264.7 macrophages. <i>International Immunopharmacology</i> , 2018 , 60, 141-151	5.8	30
92	Aryl fluorosulfate analogues as potent antimicrobial agents: SAR, cytotoxicity and docking studies. <i>Bioorganic Chemistry</i> , 2018 , 81, 107-118	5.1	33
91	Multi-targetable chalcone analogs to treat deadly Alzheimer's disease: Current view and upcoming advice. <i>Bioorganic Chemistry</i> , 2018 , 80, 86-93	5.1	57
90	Novel pyrrol-2(3H)-ones and pyridazin-3(2H)-ones carrying quinoline scaffold as anti-proliferative tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , 2018 , 80, 151-163	5.1	31
89	Recent Developments on Phenstatins as Potent Antimitotic Agents. <i>Current Medicinal Chemistry</i> , 2018 , 25, 2329-2352	4.3	3
88	3,5-Bis[4-(diethoxymethyl)benzylidene]-1-methyl-piperidin-4-one, a Novel Curcumin Analogue, Inhibits Cellular and Humoral Immune Responses in Male Balb/c Mice. <i>Current Pharmaceutical Biotechnology</i> , 2018 , 19, 468-482	2.6	4
87	Authentication and Traceability of Honey 2018 , 279-305		
86	Novel 1,2,4-triazole derivatives as potential anticancer agents: Design, synthesis, molecular docking and mechanistic studies. <i>Bioorganic Chemistry</i> , 2018 , 76, 314-325	5.1	77
85	3D Printing Technology in Design of Pharmaceutical Products. <i>Current Pharmaceutical Design</i> , 2018 , 24, 5009-5018	3.3	9
84	Formulation and optimization of levofloxacin loaded chitosan nanoparticle for ocular delivery: In-vitro characterization, ocular tolerance and antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2018 , 108, 650-659	7.9	86
83	Appraisal of acute oral toxicity of glucuronoxylan hydrogel from <i>Mimosa pudica</i> seeds. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018 , 54,	1.8	1
82	Seeds of Giant Dodder (<i>Cuscuta reflexa</i>) as a Function of Extract Procedure and Solvent Nature. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2018 , 46, 653-662	1.2	1
81	Hyaluronic acid, a promising skin rejuvenating biomedicine: A review of recent updates and pre-clinical and clinical investigations on cosmetic and nutricosmetic effects. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 1682-1695	7.9	140
80	Design, synthesis, and biological evaluation of selective and potent Carbazole-based butyrylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 4952-4962	3.4	9

79	Novel tetrahydrocarbazole benzyl pyridine hybrids as potent and selective butyryl cholinesterase inhibitors with neuroprotective and β -secretase inhibition activities. <i>European Journal of Medicinal Chemistry</i> , 2018 , 155, 49-60	6.8	18
78	Smart gel system of <i>Linum usitatissimum</i> mucilage as a vehicle of an ophthalmic drug. <i>Bioinspired, Biomimetic and Nanobiomaterials</i> , 2018 , 7, 90-99	1.3	1
77	Coumarins scaffolds as COX inhibitors. <i>Bioorganic Chemistry</i> , 2017 , 71, 146-159	5.1	56
76	Synthesis and mechanistic studies of curcumin analog-based oximes as potential anticancer agents. <i>Chemical Biology and Drug Design</i> , 2017 , 90, 443-449	2.9	33
75	An overview of structure-activity relationship studies of curcumin analogs as antioxidant and anti-inflammatory agents. <i>Future Medicinal Chemistry</i> , 2017 , 9, 605-626	4.1	43
74	Discovery of potential anticancer multi-targeted ligustrazine based cyclohexanone and oxime analogs overcoming the cancer multidrug resistance. <i>European Journal of Medicinal Chemistry</i> , 2017 , 135, 34-48	6.8	44
73	Development of combretastatins as potent tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , 2017 , 72, 130-147	5.1	55
72	Hyaluronic Acid-Based Biomaterials: A Versatile and Smart Approach to Tissue Regeneration and Treating Traumatic, Surgical, and Chronic Wounds. <i>Polymer Reviews</i> , 2017 , 57, 594-630	14	54
71	Tinospora species: An overview of their modulating effects on the immune system. <i>Journal of Ethnopharmacology</i> , 2017 , 207, 67-85	5	39
70	Designing novel bioconjugates of hydroxyethyl cellulose and salicylates for potential pharmaceutical and pharmacological applications. <i>International Journal of Biological Macromolecules</i> , 2017 , 103, 441-450	7.9	12
69	Tailoring the properties and catalytic activities of Ni/SBA-15 via different TEOS/P123 mass ratios for CO ₂ reforming of CH ₄ . <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 3122-3128	6.8	25
68	Discovery of a COX-2 selective inhibitor hit with anti-inflammatory activity and gastric ulcer protective effect. <i>Future Medicinal Chemistry</i> , 2017 , 9, 1899-1912	4.1	12
67	Linseed hydrogel-mediated green synthesis of silver nanoparticles for antimicrobial and wound-dressing applications. <i>International Journal of Nanomedicine</i> , 2017 , 12, 2845-2855	7.3	36
66	Glucuronoxylan-mediated silver nanoparticles: green synthesis, antimicrobial and wound healing applications. <i>RSC Advances</i> , 2017 , 7, 42900-42908	3.7	26
65	New racemic annulated pyrazolo[1,2-b]phthalazines as tacrine-like AChE inhibitors with potential use in Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2017 , 139, 280-289	6.8	33
64	Design, characterization and pharmaceutical/pharmacological applications of ibuprofen conjugates based on hydroxyethylcellulose. <i>RSC Advances</i> , 2017 , 7, 50672-50679	3.7	8
63	Rheumatoid arthritis: Recent advances on its etiology, role of cytokines and pharmacotherapy. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 92, 615-633	7.5	143
62	Exploring the immunomodulatory and anticancer properties of zerumbone. <i>Food and Function</i> , 2017 , 8, 3410-3431	6.1	47

61	Synthesis of new arylisoxazole-oxindole conjugates as potent antiproliferative agents. <i>Chemical Biology and Drug Design</i> , 2017 , 89, 634-638	2.9	5
60	Synthesis, biological evaluation, docking study and ulcerogenicity profiling of some novel quinoline-2-carboxamides as dual COXs/LOX inhibitors endowed with anti-inflammatory activity. <i>European Journal of Medicinal Chemistry</i> , 2017 , 127, 972-985	6.8	39
59	Polysaccharide-based materials in macromolecular prodrug design and development. <i>International Materials Reviews</i> , 2017 , 62, 78-98	16.1	21
58	Chromolaena odorata: A neglected weed with a wide spectrum of pharmacological activities (Review). <i>Molecular Medicine Reports</i> , 2017 , 15, 1007-1016	2.9	25
57	Emerging Trends in Therapeutic Algorithm of Chronic Wound Healers: Recent Advances in Drug Delivery Systems, Concepts-to-Clinical Application and Future Prospects. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2017 , 34, 387-452	2.8	20
56	Immunosuppressive Effects of Natural α -Unsaturated Carbonyl-Based Compounds, and Their Analogs and Derivatives, on Immune Cells: A Review. <i>Frontiers in Pharmacology</i> , 2017 , 8, 22	5.6	39
55	Calixarene: A Versatile Material for Drug Design and Applications. <i>Current Pharmaceutical Design</i> , 2017 , 23, 2377-2388	3.3	26
54	Psyllium Arabinoxylan: A Versatile Biomaterial for Potential Medicinal and Pharmaceutical Applications. <i>Polymer Reviews</i> , 2016 , 56, 1-30	14	37
53	Drug nanocarrier, the future of atopic diseases: Advanced drug delivery systems and smart management of disease. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 147, 475-491	6	38
52	Phyllanthin from Phyllanthus amarus inhibits cellular and humoral immune responses in Balb/C mice. <i>Phytomedicine</i> , 2016 , 23, 1441-1450	6.5	21
51	Evaluation of multifunctional synthetic tetralone derivatives for treatment of Alzheimer's disease. <i>Chemical Biology and Drug Design</i> , 2016 , 88, 889-898	2.9	16
50	[Ru(bpy) ₃]Cl ₂ -catalyzed aerobic oxidative cleavage of diketones to carboxylic acids under visible light irradiation. <i>Tetrahedron Letters</i> , 2016 , 57, 5628-5631	2	9
49	Standardized extract of Tinospora crispa stimulates innate and adaptive immune responses in Balb/c mice. <i>Food and Function</i> , 2016 , 7, 1380-9	6.1	11
48	A Comprehensive Review on the Chemotherapeutic Potential of Piceatannol for Cancer Treatment, with Mechanistic Insights. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 725-37	5.7	115
47	Synthesis of α -Unsaturated Carbonyl-Based Compounds, Oxime and Oxime Ether Analogs as Potential Anticancer Agents for Overcoming Cancer Multidrug Resistance by Modulation of Efflux Pumps in Tumor Cells. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 3549-61	8.3	60
46	Mimosa pudica L., a High-Value Medicinal Plant as a Source of Bioactives for Pharmaceuticals. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2016 , 15, 303-315	16.4	34
45	Tinospora crispa (L.) Hook. f. & Thomson: A Review of Its Ethnobotanical, Phytochemical, and Pharmacological Aspects. <i>Frontiers in Pharmacology</i> , 2016 , 7, 59	5.6	49
44	Cydonia oblonga M., A Medicinal Plant Rich in Phytonutrients for Pharmaceuticals. <i>Frontiers in Pharmacology</i> , 2016 , 7, 163	5.6	39

43	Recent Advances in Pharmacotherapeutic Paradigm of Mild to Recalcitrant Atopic Dermatitis. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 2016 , 33, 213-263	2.8	11
42	Inhibitory Effects of the Standardized Extract of <i>Phyllanthus amarus</i> on Cellular and Humoral Immune Responses in Balb/C Mice. <i>Phytotherapy Research</i> , 2016 , 30, 1330-8	6.7	13
41	Betulinic Acid: Recent Advances in Chemical Modifications, Effective Delivery, and Molecular Mechanisms of a Promising Anticancer Therapy. <i>Chemical Biology and Drug Design</i> , 2016 , 87, 517-36	2.9	92
40	Biological evaluation of synthetic α -unsaturated carbonyl based cyclohexanone derivatives as neuroprotective novel inhibitors of acetylcholinesterase, butyrylcholinesterase and amyloid- β aggregation. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 2352-9	3.4	30
39	Anti-inflammatory trends of new benzimidazole derivatives. <i>Future Medicinal Chemistry</i> , 2016 , 8, 1953-1967	2.67	26
38	Immunomodulatory effects of diarylpentanoid analogues of curcumin. <i>Medicinal Chemistry Research</i> , 2015 , 24, 3405-3411	2.2	5
37	Effects of synthetic chalcone derivatives on oxidised palmitoyl arachidonoyl phosphorylcholine-induced proinflammatory chemokines production. <i>RSC Advances</i> , 2015 , 5, 68773-68780	3.7	2
36	Multiple cross-linked hydroxypropylcellulose succinate malicylate: prodrug design, characterization, stimuli responsive swelling-deswelling and sustained drug release. <i>RSC Advances</i> , 2015 , 5, 43440-43448	3.7	11
35	Molecular docking studies and biological evaluation of chalcone based pyrazolines as tyrosinase inhibitors and potential anticancer agents. <i>RSC Advances</i> , 2015 , 5, 46330-46338	3.7	41
34	Extraction, purification and characterization of the crystallin protein of cataractous eye lens nucleus. <i>Analyst, The</i> , 2015 , 140, 6392-7	5	3
33	Molecular characterization, biological activity, and in silico study of 2-(3,4-dimethoxyphenyl)-3-(4-fluorophenyl)-6-methoxy-4H-chromen-4-one as a novel selective COX-2 inhibitor. <i>Journal of Molecular Structure</i> , 2015 , 1081, 51-61	3.4	9
32	Synthesis, Molecular Modeling, and Biological Evaluation of Novel 1, 3-Diphenyl-2-propen-1-one Based Pyrazolines as Anti-inflammatory Agents. <i>Chemical Biology and Drug Design</i> , 2015 , 85, 729-42	2.9	25
31	Effects of chalcone derivatives on players of the immune system. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 4761-78	4.4	18
30	Immunostimulatory effects of the standardized extract of <i>Tinospora crispa</i> on innate immune responses in Wistar Kyoto rats. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 2961-73	4.4	20
29	Immunosuppressive effects of the standardized extract of <i>Phyllanthus amarus</i> on cellular immune responses in Wistar-Kyoto rats. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 4917-30	4.4	19
28	The Evolving Role of Natural Products from the Tropical Rainforests as a Replenishable Source of New Drug Leads 2015 ,		3
27	Hydroxypropylcellulose as a novel green reservoir for the synthesis, stabilization, and storage of silver nanoparticles. <i>International Journal of Nanomedicine</i> , 2015 , 10, 2079-88	7.3	13
26	Plant-derived immunomodulators: an insight on their preclinical evaluation and clinical trials. <i>Frontiers in Plant Science</i> , 2015 , 6, 655	6.2	173

25	Optimization of antiproliferative activity of substituted phenyl 4-(2-oxoimidazolidin-1-yl) benzenesulfonates: QSAR and CoMFA analyses. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 77, 230-7	5.1	19
24	Synthetic Curcumin Analogs as Inhibitors of β Amyloid Peptide Aggregation: Potential Therapeutic and Diagnostic Agents for Alzheimer's Disease. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015 , 15, 1110-21	3.2	30
23	Effects of Plants and Isolates of Celastraceae Family on Cancer Pathways. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2015 , 15, 681-93	2.2	10
22	Immunomodulatory effects of 1-(6-hydroxy-2-isopropenyl-1-benzofuran-5-yl)-1-ethanone from <i>Petasites hybridus</i> and its synthesized benzoxazepine derivatives. <i>Journal of Natural Medicines</i> , 2014 , 68, 351-7	3.3	12
21	Synthesis and evaluation of chalcone derivatives as inhibitors of neutrophils Chemotaxis, phagocytosis and production of reactive oxygen species. <i>Chemical Biology and Drug Design</i> , 2014 , 83, 198-206	2.9	23
20	Effects of novel diarylpentanoid analogues of curcumin on secretory phospholipase A2 , cyclooxygenases, lipo-oxygenase, and microsomal prostaglandin E synthase-1. <i>Chemical Biology and Drug Design</i> , 2014 , 83, 670-81	2.9	31
19	Biological activity and molecular docking studies of curcumin-related α unsaturated carbonyl-based synthetic compounds as anticancer agents and mushroom tyrosinase inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 5538-47	5.7	37
18	Synthesis of α unsaturated carbonyl based compounds as acetylcholinesterase and butyrylcholinesterase inhibitors: characterization, molecular modeling, QSAR studies and effect against amyloid β induced cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , 2014 , 83, 355-65	6.8	39
17	Pharmacological evaluation and docking studies of α unsaturated carbonyl based synthetic compounds as inhibitors of secretory phospholipase A α cyclooxygenases, lipoxygenase and proinflammatory cytokines. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 4151-61	3.4	43
16	Studies of synthetic chalcone derivatives as potential inhibitors of secretory phospholipase A2, cyclooxygenases, lipoxygenase and pro-inflammatory cytokines. <i>Drug Design, Development and Therapy</i> , 2014 , 8, 1405-18	4.4	32
15	Emerging anticancer potentials of goniotalamin and its molecular mechanisms. <i>BioMed Research International</i> , 2014 , 2014, 536508	3	27
14	Fast Numerical Techniques Based Analysis of Electromagnetic Problems Using MATLAB 2014 ,		2
13	One pot light assisted green synthesis, storage and antimicrobial activity of dextran stabilized silver nanoparticles. <i>Journal of Nanobiotechnology</i> , 2014 , 12, 53	9.4	20
12	Anti-Inflammatory Trends of 1, 3-Diphenyl-2-propen-1-one Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 87-94	3.2	43
11	Review of Methods and Various Catalysts Used for Chalcone Synthesis. <i>Mini-Reviews in Organic Chemistry</i> , 2013 , 10, 73-83	1.7	58
10	Current prospects of synthetic curcumin analogs and chalcone derivatives against mycobacterium tuberculosis. <i>Medicinal Chemistry</i> , 2013 , 9, 897-903	1.8	27
9	Synthesis and effects of pyrazolines and isoxazoles on the phagocytic chemotaxis and release of reactive oxygen species by zymosan stimulated human neutrophils. <i>Medicinal Chemistry</i> , 2013 , 9, 1091-8	1.8	7
8	Synthesis and Biological Evaluation of Curcumin Analogues. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2013 , 13, 501-513	0.5	10

7	Synthesis and evaluation of chalcone analogues based pyrimidines as angiotensin converting enzyme inhibitors. <i>Pakistan Journal of Biological Sciences</i> , 2013 , 16, 1368-72	0.8	9
6	Anti-inflammatory trends of 1, 3-diphenyl-2-propen-1-one derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013 , 13, 87-94	3.2	17
5	Effects of diarylpentanoid analogues of curcumin on chemiluminescence and chemotactic activities of phagocytes. <i>Journal of Pharmacy and Pharmacology</i> , 2012 , 64, 404-12	4.8	25
4	Synthesis and Biological Evaluation of Chalcone Derivatives (Mini Review). <i>Mini-Reviews in Medicinal Chemistry</i> , 2012 , 12, 1394-1403	3.2	4
3	Synthesis and evaluation of chalcone analogues and pyrimidines as cyclooxygenase (COX) inhibitors. <i>African Journal of Pharmacy and Pharmacology</i> , 2012 , 6,	0.5	1
2	Synthesis and biological evaluation of chalcone derivatives (mini review). <i>Mini-Reviews in Medicinal Chemistry</i> , 2012 , 12, 1394-403	3.2	50
1	Synthetic ligustrazine based cyclohexanone and oxime analogs as Anti-Trypanosoma and Anti-Leishmanial agents. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 57,	1.8	1