

# Syed N A Bukhari

## List of Publications by Citations

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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	Plant-derived immunomodulators: an insight on their preclinical evaluation and clinical trials. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 655	6.2	173
167	Rheumatoid arthritis: Recent advances on its etiology, role of cytokines and pharmacotherapy. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 92, 615-633	7.5	143
166	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> , <b>2018</b> , 120, 1682-1695	7.9	140
165	A Comprehensive Review on the Chemotherapeutic Potential of Piceatannol for Cancer Treatment, with Mechanistic Insights. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 725-37	5.7	115
164	Betulinic Acid: Recent Advances in Chemical Modifications, Effective Delivery, and Molecular Mechanisms of a Promising Anticancer Therapy. <i>Chemical Biology and Drug Design</i> , <b>2016</b> , 87, 517-36	2.9	92
163	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> , <b>2018</b> , 108, 650-659	7.9	86
162	Novel 1,2,4-triazole derivatives as potential anticancer agents: Design, synthesis, molecular docking and mechanistic studies. <i>Bioorganic Chemistry</i> , <b>2018</b> , 76, 314-325	5.1	77
161	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> , <b>2018</b> , 2018, 3463724	4.2	76
160	A review on flavonoid-based scaffolds as multi-target-directed ligands (MTDLs) for Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 152, 570-589	6.8	72
159	Synthesis, anticancer activity and molecular modeling studies of 1,2,4-triazole derivatives as EGFR inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 156, 774-789	6.8	65
158	Synthesis of $\alpha$ -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> , <b>2016</b> , 59, 3549-61	8.3	60
157	Review of Methods and Various Catalysts Used for Chalcone Synthesis. <i>Mini-Reviews in Organic Chemistry</i> , <b>2013</b> , 10, 73-83	1.7	58
156	Multi-targetable chalcone analogs to treat deadly Alzheimer's disease: Current view and upcoming advice. <i>Bioorganic Chemistry</i> , <b>2018</b> , 80, 86-93	5.1	57
155	Coumarins scaffolds as COX inhibitors. <i>Bioorganic Chemistry</i> , <b>2017</b> , 71, 146-159	5.1	56
154	Development of combretastatins as potent tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , <b>2017</b> , 72, 130-147	5.1	55
153	Hyaluronic Acid-Based Biomaterials: A Versatile and Smart Approach to Tissue Regeneration and Treating Traumatic, Surgical, and Chronic Wounds. <i>Polymer Reviews</i> , <b>2017</b> , 57, 594-630	14	54
152	Discovery of novel aryloxy-sulfonyl fluorides as potential candidates against methicillin-resistant of <i>Staphylococcus aureus</i> (MRSA) for overcoming multidrug resistance of bacterial infections. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 162, 364-377	6.8	52

151	Synthesis and biological evaluation of chalcone derivatives (mini review). <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2012</b> , 12, 1394-403	3.2	50
150	<i>Tinospora crispa</i> (L.) Hook. f. & Thomson: A Review of Its Ethnobotanical, Phytochemical, and Pharmacological Aspects. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 59	5.6	49
149	Exploring the immunomodulatory and anticancer properties of zerumbone. <i>Food and Function</i> , <b>2017</b> , 8, 3410-3431	6.1	47
148	Discovery of potential anticancer multi-targeted ligustrazine based cyclohexanone and oxime analogs overcoming the cancer multidrug resistance. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 135, 34-48	6.8	44
147	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> , <b>2018</b> , 152, 600-614	6.8	44
146	An overview of structure-activity relationship studies of curcumin analogs as antioxidant and anti-inflammatory agents. <i>Future Medicinal Chemistry</i> , <b>2017</b> , 9, 605-626	4.1	43
145	Pharmacological evaluation and docking studies of $\alpha$ -unsaturated carbonyl based synthetic compounds as inhibitors of secretory phospholipase A <sub>2</sub> , cyclooxygenases, lipoxygenase and proinflammatory cytokines. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 4151-61	3.4	43
144	Anti-Inflammatory Trends of 1, 3-Diphenyl-2-propen-1-one Derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2013</b> , 13, 87-94	3.2	43
143	Molecular docking studies and biological evaluation of chalcone based pyrazolines as tyrosinase inhibitors and potential anticancer agents. <i>RSC Advances</i> , <b>2015</b> , 5, 46330-46338	3.7	41
142	A comprehensive review of phytochemical profile, bioactives for pharmaceuticals, and pharmacological attributes of <i>Azadirachta indica</i> . <i>Phytotherapy Research</i> , <b>2018</b> , 32, 1241-1272	6.7	41
141	<i>Tinospora</i> species: An overview of their modulating effects on the immune system. <i>Journal of Ethnopharmacology</i> , <b>2017</b> , 207, 67-85	5	39
140	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> , <b>2018</b> , 146, 260-273	6.8	39
139	Synthesis of $\alpha$ -unsaturated carbonyl based compounds as acetylcholinesterase and butyrylcholinesterase inhibitors: characterization, molecular modeling, QSAR studies and effect against amyloid $\beta$ -induced cytotoxicity. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 83, 355-65	6.8	39
138	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> , <b>2017</b> , 127, 972-985	6.8	39
137	Immunosuppressive Effects of Natural $\alpha$ -Unsaturated Carbonyl-Based Compounds, and Their Analogs and Derivatives, on Immune Cells: A Review. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 22	5.6	39
136	<i>Cydonia oblonga</i> M., A Medicinal Plant Rich in Phytonutrients for Pharmaceuticals. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 163	5.6	39
135	Drug nanocarrier, the future of atopic diseases: Advanced drug delivery systems and smart management of disease. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 147, 475-491	6	38
134	Psyllium Arabinoxylan: A Versatile Biomaterial for Potential Medicinal and Pharmaceutical Applications. <i>Polymer Reviews</i> , <b>2016</b> , 56, 1-30	14	37

133	Biological activity and molecular docking studies of curcumin-related $\alpha$ -unsaturated carbonyl-based synthetic compounds as anticancer agents and mushroom tyrosinase inhibitors. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 5538-47	5.7	37
132	Linseed hydrogel-mediated green synthesis of silver nanoparticles for antimicrobial and wound-dressing applications. <i>International Journal of Nanomedicine</i> , <b>2017</b> , 12, 2845-2855	7.3	36
131	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 $\beta$ -Lactams. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 1411-1415	5.2	36
130	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> , <b>2016</b> , 15, 303-315	16.4	34
129	Synthesis and mechanistic studies of curcumin analog-based oximes as potential anticancer agents. <i>Chemical Biology and Drug Design</i> , <b>2017</b> , 90, 443-449	2.9	33
128	Aryl fluorosulfate analogues as potent antimicrobial agents: SAR, cytotoxicity and docking studies. <i>Bioorganic Chemistry</i> , <b>2018</b> , 81, 107-118	5.1	33
127	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> , <b>2017</b> , 139, 280-289	6.8	33
126	Promising bactericidal approach of dihydrazone analogues against bio-film forming Gram-negative bacteria and molecular mechanistic studies.. <i>RSC Advances</i> , <b>2018</b> , 8, 5473-5483	3.7	32
125	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> , <b>2014</b> , 8, 1405-18	4.4	32
124	Novel pyrrol-2(3H)-ones and pyridazin-3(2H)-ones carrying quinoline scaffold as anti-proliferative tubulin polymerization inhibitors. <i>Bioorganic Chemistry</i> , <b>2018</b> , 80, 151-163	5.1	31
123	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> , <b>2014</b> , 83, 670-81	2.9	31
122	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> , <b>2018</b> , 60, 141-151	5.8	30
121	Synthetic Curcumin Analogs as Inhibitors of $\beta$ -Amyloid Peptide Aggregation: Potential Therapeutic and Diagnostic Agents for Alzheimer's Disease. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2015</b> , 15, 1110-21	3.2	30
120	Biological evaluation of synthetic $\alpha$ -unsaturated carbonyl based cyclohexanone derivatives as neuroprotective novel inhibitors of acetylcholinesterase, butyrylcholinesterase and amyloid- $\beta$ aggregation. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 2352-9	3.4	30
119	Polysaccharide-Based Superporous, Superabsorbent, and Stimuli Responsive Hydrogel from Sweet Basil: A Novel Material for Sustained Drug Release. <i>Advances in Polymer Technology</i> , <b>2019</b> , 2019, 1-11	1.9	29
118	Novel 3-phenylcoumarin-lipoic acid conjugates as multi-functional agents for potential treatment of Alzheimer's disease. <i>Bioorganic Chemistry</i> , <b>2018</b> , 79, 223-234	5.1	27
117	Emerging anticancer potentials of goniiothalamine and its molecular mechanisms. <i>BioMed Research International</i> , <b>2014</b> , 2014, 536508	3	27
116	Current prospects of synthetic curcumin analogs and chalcone derivatives against mycobacterium tuberculosis. <i>Medicinal Chemistry</i> , <b>2013</b> , 9, 897-903	1.8	27

115	Glucuronoxylan-mediated silver nanoparticles: green synthesis, antimicrobial and wound healing applications. <i>RSC Advances</i> , <b>2017</b> , 7, 42900-42908	3.7	26
114	Calixarene: A Versatile Material for Drug Design and Applications. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 2377-2388	3.3	26
113	Anti-inflammatory trends of new benzimidazole derivatives. <i>Future Medicinal Chemistry</i> , <b>2016</b> , 8, 1953-1967	4.7	26
112	Tailoring the properties and catalytic activities of Ni/SBA-15 via different TEOS/P123 mass ratios for CO <sub>2</sub> reforming of CH <sub>4</sub> . <i>Journal of Environmental Chemical Engineering</i> , <b>2017</b> , 5, 3122-3128	6.8	25
111	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> , <b>2015</b> , 85, 729-82	2.9	25
110	Chromolaena odorata: A neglected weed with a wide spectrum of pharmacological activities (Review). <i>Molecular Medicine Reports</i> , <b>2017</b> , 15, 1007-1016	2.9	25
109	Effects of diarylpentanoid analogues of curcumin on chemiluminescence and chemotactic activities of phagocytes. <i>Journal of Pharmacy and Pharmacology</i> , <b>2012</b> , 64, 404-12	4.8	25
108	A review: Biologically active 3,4-heterocycle-fused coumarins. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 212, 113034	6.8	24
107	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> , <b>2014</b> , 83, 198-206	2.9	23
106	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> , <b>2018</b> , 46, 959-967	6.1	22
105	Phyllanthin from Phyllanthus amarus inhibits cellular and humoral immune responses in Balb/C mice. <i>Phytomedicine</i> , <b>2016</b> , 23, 1441-1450	6.5	21
104	Polysaccharide-based materials in macromolecular prodrug design and development. <i>International Materials Reviews</i> , <b>2017</b> , 62, 78-98	16.1	21
103	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> , <b>2017</b> , 34, 387-452	2.8	20
102	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> , <b>2015</b> , 9, 2961-73	4.4	20
101	One pot light assisted green synthesis, storage and antimicrobial activity of dextran stabilized silver nanoparticles. <i>Journal of Nanobiotechnology</i> , <b>2014</b> , 12, 53	9.4	20
100	Discovery of novel thienoquinoline-2-carboxamide chalcone derivatives as antiproliferative EGFR tyrosine kinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 1076-1086	3.4	19
99	Synthesis and biological evaluation of new tetramethylpyrazine-based chalcone derivatives as potential anti-Alzheimer agents. <i>Chemical Biology and Drug Design</i> , <b>2018</b> , 92, 1859-1866	2.9	19
98	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> , <b>2015</b> , 9, 4917-30	4.4	19

97	Optimization of antiproliferative activity of substituted phenyl 4-(2-oxoimidazolidin-1-yl) benzenesulfonates: QSAR and CoMFA analyses. <i>European Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 77, 230-7	5.1	19
96	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> , <b>2020</b> , 21, 167	3.9	18
95	Effects of chalcone derivatives on players of the immune system. <i>Drug Design, Development and Therapy</i> , <b>2015</b> , 9, 4761-78	4.4	18
94	BBD-Based Development of Itraconazole Loaded Nanostructured Lipid Carrier for Topical Delivery: In Vitro Evaluation and Antimicrobial Assessment. <i>Journal of Pharmaceutical Innovation</i> , <b>2021</b> , 16, 85-98	1.8	18
93	Novel tetrahydrocarbazole benzyl pyridine hybrids as potent and selective butyryl cholinesterase inhibitors with neuroprotective and $\beta$ -secretase inhibition activities. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 155, 49-60	6.8	18
92	Anti-inflammatory trends of 1, 3-diphenyl-2-propen-1-one derivatives. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2013</b> , 13, 87-94	3.2	17
91	Evaluation of multifunctional synthetic tetralone derivatives for treatment of Alzheimer's disease. <i>Chemical Biology and Drug Design</i> , <b>2016</b> , 88, 889-898	2.9	16
90	Apigenin-Loaded Solid Lipid Nanoparticle Attenuates Diabetic Nephropathy Induced by Streptozotocin Nicotinamide Through Nrf2/HO-1/NF-kB Signalling Pathway. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 9115-9124	7.3	14
89	Hydroxypropylcellulose as a novel green reservoir for the synthesis, stabilization, and storage of silver nanoparticles. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 2079-88	7.3	13
88	L.: Insights into the phytochemical profile, therapeutic potential, clinical trials, and future prospective. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2020</b> , 23, 1501-1526	1.8	13
87	Inhibitory Effects of the Standardized Extract of Phyllanthus amarus on Cellular and Humoral Immune Responses in Balb/C Mice. <i>Phytotherapy Research</i> , <b>2016</b> , 30, 1330-8	6.7	13
86	Designing novel bioconjugates of hydroxyethyl cellulose and salicylates for potential pharmaceutical and pharmacological applications. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 103, 441-450	7.9	12
85	Discovery of a COX-2 selective inhibitor hit with anti-inflammatory activity and gastric ulcer protective effect. <i>Future Medicinal Chemistry</i> , <b>2017</b> , 9, 1899-1912	4.1	12
84	A stimuli-responsive, superporous and non-toxic smart hydrogel from seeds of mugwort ( <i>Achillea millefolium</i> ): stimuli responsive swelling/deswelling, intelligent drug delivery and enhanced aceclofenac bioavailability.. <i>RSC Advances</i> , <b>2020</b> , 10, 19832-19843	3.7	12
83	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> , <b>2014</b> , 68, 351-7	3.3	12
82	Controllably Biodegradable Hydroxyapatite Nanostructures for Cefazolin Delivery against Antibacterial Resistance. <i>ACS Omega</i> , <b>2019</b> , 4, 7524-7532	3.9	11
81	Multiple cross-linked hydroxypropylcellulose succinate salicylate: prodrug design, characterization, stimuli responsive swelling/deswelling and sustained drug release. <i>RSC Advances</i> , <b>2015</b> , 5, 43440-43448	3.7	11
80	Standardized extract of <i>Tinospora crispa</i> stimulates innate and adaptive immune responses in Balb/c mice. <i>Food and Function</i> , <b>2016</b> , 7, 1380-9	6.1	11

79	Recent Advances in Pharmacotherapeutic Paradigm of Mild to Recalcitrant Atopic Dermatitis. <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , <b>2016</b> , 33, 213-263	2.8	11
78	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> , <b>2019</b> , 17, 38-45	4	10
77	Effects of Plants and Isolates of Celastraceae Family on Cancer Pathways. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2015</b> , 15, 681-93	2.2	10
76	Synthesis and Biological Evaluation of Curcumin Analogues. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , <b>2013</b> , 13, 501-513	0.5	10
75	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> , <b>2021</b> , 36, 987-999	5.6	10
74	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> , <b>2015</b> , 1081, 51-61	3.4	9
73	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> , <b>2020</b> , 353, e2000101	4.3	9
72	[Ru(bpy) <sub>3</sub> ]Cl <sub>2</sub> -catalyzed aerobic oxidative cleavage of diketones to carboxylic acids under visible light irradiation. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 5628-5631	2	9
71	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> , <b>2020</b> , 19, 292-311	1.1	9
70	Synthesis and evaluation of chalcone analogues based pyrimidines as angiotensin converting enzyme inhibitors. <i>Pakistan Journal of Biological Sciences</i> , <b>2013</b> , 16, 1368-72	0.8	9
69	Chromone derivatives bearing pyridinium moiety as multi-target-directed ligands against Alzheimer's disease. <i>Bioorganic Chemistry</i> , <b>2021</b> , 110, 104750	5.1	9
68	3D Printing Technology in Design of Pharmaceutical Products. <i>Current Pharmaceutical Design</i> , <b>2018</b> , 24, 5009-5018	3.3	9
67	Design, synthesis, and biological evaluation of selective and potent Carbazole-based butyrylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 4952-4962	3.4	9
66	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> , <b>2020</b> , 1219, 128567	3.4	8
65	Design, characterization and pharmaceutical/pharmacological applications of ibuprofen conjugates based on hydroxyethylcellulose. <i>RSC Advances</i> , <b>2017</b> , 7, 50672-50679	3.7	8
64	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> , <b>2020</b> , 14, 64	3.7	8
63	Aminoalkyl-substituted flavonoids: synthesis, cholinesterase inhibition, amyloid aggregation, and neuroprotective study. <i>Medicinal Chemistry Research</i> , <b>2019</b> , 28, 974-983	2.2	7
62	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> , <b>2013</b> , 9, 1091-8 <sup>1.8</sup>	1.8	7

61	Molecular Epidemiology of Extensively Drug-Resistant Encoded Colistin-Resistant Bacterial Strains Co-Expressing Multifarious $\beta$ -Lactamases. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	6
60	Immunomodulatory effects of diarylpentanoid analogues of curcumin. <i>Medicinal Chemistry Research</i> , <b>2015</b> , 24, 3405-3411	2.2	5
59	Synthesis of new arylisoxazole-oxindole conjugates as potent antiproliferative agents. <i>Chemical Biology and Drug Design</i> , <b>2017</b> , 89, 634-638	2.9	5
58	The genus (Convolvaceae): An updated review on indigenous uses, phytochemistry, and pharmacology. <i>Iranian Journal of Basic Medical Sciences</i> , <b>2019</b> , 22, 1225-1252	1.8	5
57	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> , <b>2020</b> , 32, 2603-2609	3.6	4
56	Synthesis and Biological Evaluation of Chalcone Derivatives (Mini Review). <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2012</b> , 12, 1394-1403	3.2	4
55	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> , <b>2018</b> , 19, 468-482	2.6	4
54	Design and synthesis of benzodiazepine-1,2,3-triazole hybrid derivatives as selective butyrylcholinesterase inhibitors. <i>Molecular Diversity</i> , <b>2020</b> , 24, 997-1013	3.1	4
53	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> , <b>2021</b> , 15, 2325-2337	4.4	4
52	Emerging Nanotherapeutic Approaches to Overcome Drug Resistance in Cancers with Update on Clinical Trials.. <i>Pharmaceutics</i> , <b>2022</b> , 14,	6.4	4
51	Extraction, purification and characterization of the crystallin protein of cataractous eye lens nucleus. <i>Analyst, The</i> , <b>2015</b> , 140, 6392-7	5	3
50	Alkaloid-rich plant <i>Tylophora indica</i> ; current trends in isolation strategies, chemical profiling and medicinal applications. <i>Arabian Journal of Chemistry</i> , <b>2020</b> , 13, 6348-6365	5.9	3
49	MG132 inhibits the expression of PBX3 through miRNAs by targeting Argonaute2 in hepatoma cells. <i>Saudi Journal of Biological Sciences</i> , <b>2020</b> , 27, 2157-2163	4	3
48	The Evolving Role of Natural Products from the Tropical Rainforests as a Replenishable Source of New Drug Leads <b>2015</b> ,		3
47	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> , <b>2022</b> , 69, 103144	4.5	3
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