

# Ajmal Khan

## List of Publications by Year in descending order

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173  
papers

3,047  
citations

201385

27  
h-index

288905

40  
g-index

175  
all docs

175  
docs citations

175  
times ranked

3451  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regio- and enantioselective formation of tetrazole-bearing quaternary stereocenters <i>via</i> palladium-catalyzed allylic amination. <i>Organic Chemistry Frontiers</i> , 2022, 9, 456-461.	2.3	10
2	Commikuanoids A-C: New cycloartane triterpenoids with exploration of carbonic anhydrase-II inhibition from the resins of <i>Commiphora kua</i> by in vitro and in silico molecular docking. <i>FÄ-toterapÄ-ÄÇ</i> , 2022, 157, 105125.	1.1	9
3	Design, Synthesis and Molecular Docking Study of Novel 3-Phenyl-Î²-Alanine-Based Oxadiazole Analogues as Potent Carbonic Anhydrase II Inhibitors. <i>Molecules</i> , 2022, 27, 816.	1.7	3
4	Anti-diabetic potential of Î²-boswellic acid and 11-keto-Î²-boswellic acid: Mechanistic insights from computational and biochemical approaches. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112669.	2.5	11
5	Three-Dimensional Structure Characterization and Inhibition Study of Exfoliative Toxin D From <i>Staphylococcus aureus</i> . <i>Frontiers in Pharmacology</i> , 2022, 13, 800970.	1.6	3
6	Facile Synthesis of the Shape-Persistent 4-Hydroxybenzaldehyde Based Macrocycles and Exploration of their Key Electronic Properties: An Experimental and DFT Approach. <i>ChemistrySelect</i> , 2022, 7, .	0.7	2
7	Identification of Î±-Glucosidase Inhibitors from <i>Scutellaria edelbergii</i> : ESI-LC-MS and Computational Approach. <i>Molecules</i> , 2022, 27, 1322.	1.7	14
8	The 7-Hydroxyflavone attenuates chemotherapy-induced neuropathic pain by targeting inflammatory pathway. <i>International Immunopharmacology</i> , 2022, 107, 108674.	1.7	11
9	Prediction of inhibitory activities of small molecules against Pantothenate synthetase from <i>Mycobacterium tuberculosis</i> using Machine Learning models. <i>Computers in Biology and Medicine</i> , 2022, 145, 105453.	3.9	1
10	Recent Advances in Electrochemical Sensing of Hydrogen Peroxide (H <sub>2</sub> O <sub>2</sub> ) Released from Cancer Cells. <i>Nanomaterials</i> , 2022, 12, 1475.	1.9	31
11	Fabrication and Evaluation of Voriconazole Loaded Transethosomal Gel for Enhanced Antifungal and Antileishmanial Activity. <i>Molecules</i> , 2022, 27, 3347.	1.7	9
12	Bio-Oriented Synthesis of Novel (S)-Flurbiprofen Clubbed Hydrazone Schiff-Bases for Diabetic Management: In Vitro and In Silico Studies. <i>Pharmaceuticals</i> , 2022, 15, 672.	1.7	30
13	Enzymes Inhibition and Antioxidant Potential of Medicinal Plants Growing in Oman. <i>BioMed Research International</i> , 2022, 2022, 1-9.	0.9	7
14	Green synthesis of silver and gold nanoparticles using <i>Crataegus oxyacantha</i> extract and their urease inhibitory activities. <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 992-1002.	1.4	11
15	Involvement of selective GABA-A receptor subtypes in amelioration of cisplatin-induced neuropathic pain by 2-chloro-6-methyl flavone (2-Cl-6MF). <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 929-940.	1.4	2
16	Utilization of the common functional groups in bioactive molecules: Exploring dual inhibitory potential and computational analysis of keto esters against Î±-glucosidase and carbonic anhydrase-II enzymes. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 233-244.	3.6	30
17	Alkali complexes of non-steroidal anti-inflammatory drugs inhibit lung and oral cancers <i>in vitro</i> . <i>New Journal of Chemistry</i> , 2021, 45, 45-52.	1.4	7
18	Dihydropyrimidones: A ligands urease recognition study and mechanistic insight through in vitro and in silico approach. <i>Medicinal Chemistry Research</i> , 2021, 30, 120-132.	1.1	3

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19	Scalp Hair Metal Analysis Concerning DNA Damage in Welders of Peshawar Khyber Pakhtunkhwa Pakistan. <i>Biological Trace Element Research</i> , 2021, 199, 1649-1656.	1.9	4
20	Chemical Constituents and Carbonic Anhydrase II Activity of Essential Oil of <i>Acridocarpus orientalis</i> A. Juss. in Comparison With Stem and Leaves. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2021, 24, 68-74.	0.7	9
21	Biophysical investigation of interactions between sorbic acid and human serum albumin through spectroscopic and computational approaches. <i>New Journal of Chemistry</i> , 2021, 45, 7682-7693.	1.4	11
22	Structure-Based Virtual Screening of Tumor Necrosis Factor- $\alpha$ Inhibitors by Cheminformatics Approaches and Bio-Molecular Simulation. <i>Biomolecules</i> , 2021, 11, 329.	1.8	12
23	Assessment of DNA damage induced by endosulfan in grass carp ( <i>Ctenopharyngodon idella</i> ) Tj ETQq1 1 0.784314  /Overlock 10	2.7	10
24	Green synthesis, in vivo and in vitro pharmacological studies of Tamarindus indica based gold nanoparticles. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 1185-1192.	1.7	6
25	Synthesis of benzimidazole based hydrazones as non-sugar based $\alpha$ -glucosidase inhibitors: Structure activity relation and molecular docking. <i>Drug Development Research</i> , 2021, 82, 1033-1043.	1.4	14
26	New synthetic 1H-1,2,3-triazole derivatives of 3-O-acetyl- $\beta$ -boswellic acid and 3-O-acetyl-11-keto- $\beta$ -boswellic acid from <i>Boswellia sacra</i> inhibit carbonic anhydrase II in vitro. <i>Medicinal Chemistry Research</i> , 2021, 30, 1185-1198.	1.1	12
27	Attenuation of nociceptive and paclitaxel-induced neuropathic pain by targeting inflammatory, CGRP and substance P signaling using 3-Hydroxyflavone. <i>Neurochemistry International</i> , 2021, 144, 104981.	1.9	24
28	Bio-Potency and Molecular Docking Studies of Isolated Compounds from <i>Grewia optiva</i> J.R. Drumm. ex Burret. <i>Molecules</i> , 2021, 26, 2019.	1.7	5
29	Therapeutic potential of N-substituted thiosemicarbazones as new urease inhibitors: Biochemical and in silico approach. <i>Bioorganic Chemistry</i> , 2021, 109, 104691.	2.0	10
30	Role of P-gp and HDAC2 and their Reciprocal Relationship in Uncontrolled Asthma. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 408-413.	0.9	6
31	Rational Design of Novel Inhibitors of $\alpha$ -Glucosidase: An Application of Quantitative Structure Activity Relationship and Structure-Based Virtual Screening. <i>Pharmaceuticals</i> , 2021, 14, 482.	1.7	22
32	Synthesis of New 1H-1,2,3-Triazole Analogs in Aqueous Medium via $\alpha$ -Click Chemistry: A Novel Class of Potential Carbonic Anhydrase-II Inhibitors. <i>Frontiers in Chemistry</i> , 2021, 9, 642614.	1.8	13
33	Antifungal Activity of Six Medicinal Plants of Pakistan Against Selected Fungi. <i>Bangladesh Journal of Botany</i> , 2021, 50, 441-443.	0.2	0
34	Biomedical Applications of <i>Scutellaria edelbergii</i> Rech. f.: In Vitro and In Vivo Approach. <i>Molecules</i> , 2021, 26, 3740.	1.7	15
35	Exploring biologically active hybrid pharmacophore N-substituted hydrazine-carbothioamides for urease inhibition: In vitro and in silico approach. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 534-544.	3.6	6
36	Design of a novel multiple epitope-based vaccine: An immunoinformatics approach to combat SARS-CoV-2 strains. <i>Journal of Infection and Public Health</i> , 2021, 14, 938-946.	1.9	31

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37	Mechanistic aspects of plant-based silver nanoparticles against multi-drug resistant bacteria. <i>Heliyon</i> , 2021, 7, e07448.	1.4	37
38	Potential therapeutic natural products against Alzheimer's disease with Reference of Acetylcholinesterase. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111609.	2.5	54
39	Synthesis of indole-substituted thiosemicarbazones as an aldose reductase inhibitor: an <i>in vitro</i> , selectivity and <i>in silico</i> study. <i>Future Medicinal Chemistry</i> , 2021, 13, 1185-1201.	1.1	4
40	Vaccine Development against COVID-19: Study from Pre-Clinical Phases to Clinical Trials and Global Use. <i>Vaccines</i> , 2021, 9, 836.	2.1	15
41	Stigmasterol can be new steroidal drug for neurological disorders: Evidence of the GABAergic mechanism via receptor modulation. <i>Phytomedicine</i> , 2021, 90, 153646.	2.3	28
42	In Silico Prediction of Novel Inhibitors of SARS-CoV-2 Main Protease through Structure-Based Virtual Screening and Molecular Dynamic Simulation. <i>Pharmaceuticals</i> , 2021, 14, 896.	1.7	21
43	Cyclopentanone Derivative Attenuates Memory Impairment by Inhibiting Amyloid Plaques Formation in the 5xFAD Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9559.	1.8	5
44	Novel Anticancer Dimeric Naphthoquinones from <i>Diospyros lotus</i> having Anti-Tumor, Anti-Inflammatory and Multidrug Resistance Reversal Potential: In Vitro, In Vivo and In Silico Evidence. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, 2089-2097.	0.9	1
45	Bio-oriented synthesis of new sulphadiazine derivatives for urease inhibition and their pharmacokinetic analysis. <i>Scientific Reports</i> , 2021, 11, 18973.	1.6	7
46	Synthesis, Characterization, and Photocatalytic, Bactericidal, and Molecular Docking Analysis of Cu <sup>2+</sup> /Fe/TiO <sub>2</sub> Photocatalysts: Influence of Metallic Impurities and Calcination Temperature on Charge Recombination. <i>ACS Omega</i> , 2021, 6, 26108-26118.	1.6	14
47	Iron-Zinc Co-Doped Titania Nanocomposite: Photocatalytic and Photobiocidal Potential in Combination with Molecular Docking Studies. <i>Catalysts</i> , 2021, 11, 1112.	1.6	10
48	Marine peptides in breast cancer: Therapeutic and mechanistic understanding. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112038.	2.5	22
49	Search for safer and potent natural inhibitors of Parkinson's disease. <i>Neurochemistry International</i> , 2021, 149, 105135.	1.9	15
50	Myrrhanone B and Myrrhanol B from resin of <i>Commiphora mukul</i> exhibit hepatoprotective effects in-vivo. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112131.	2.5	3
51	Attenuation of spatial memory in 5xFAD mice by targeting cholinesterases, oxidative stress and inflammatory signaling using 2-(hydroxyl-(2-nitrophenyl)methyl)cyclopentanone. <i>International Immunopharmacology</i> , 2021, 100, 108083.	1.7	8
52	Phytochemical and pharmacological uses of medicinal plants to treat cancer: A case study from Khyber Pakhtunkhwa, North Pakistan. <i>Journal of Ethnopharmacology</i> , 2021, 281, 114437.	2.0	15
53	Green synthesis and biomedical applications of silver and gold nanoparticles functionalized with methanolic extract of <i>Mentha longifolia</i> . <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 194-203.	1.9	34
54	Synthesis and biological activities of alcohol extract of black cumin seeds ( <i>Bunium</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (pers Synthesis, 2021, 10, 440-455.	1.3	9

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55	New amino acid clubbed Schiff bases inhibit carbonic anhydrase II, $\alpha$ -glucosidase, and urease enzymes: in silico and in vitro. <i>Medicinal Chemistry Research</i> , 2021, 30, 712-728.	1.1	22
56	Low-cost Zeolite/TiO <sub>2</sub> composite for the photocatalytically enhanced adsorption of Cd <sup>2+</sup> from aqueous solution. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2165-2180.	1.2	5
57	Macrocyclic sulfone derivatives: Synthesis, characterization, in vitro biological evaluation and molecular docking. <i>Drug Development Research</i> , 2021, 82, 562-574.	1.4	3
58	Chemical Composition and Biological Activities of Essential Oil from Aerial Parts of <i>Frankenia pulverulenta</i> L. and <i>Boerhavia elegans</i> Choisy from Northern Oman. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2021, 24, 1180-1191.	0.7	6
59	Fabrication and Biological Assessment of Antidiabetic $\alpha$ -Mangostin Loaded Nanosponges: In Vitro, In Vivo, and In Silico Studies. <i>Molecules</i> , 2021, 26, 6633.	1.7	9
60	<i>In silico</i> data mining of large-scale databases for the virtual screening of human interleukin-2 inhibitors. <i>Acta Pharmaceutica</i> , 2021, 71, 33-56.	0.9	2
61	Synthesis of gemifloxacin conjugated silver nanoparticles, their amplified bacterial efficacy against human pathogen and their morphological study <i>via</i> TEM analysis. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 661-671.	1.9	5
62	Effect of Cadmium and Copper Exposure on Growth, Physio-Chemicals and Medicinal Properties of <i>Cajanus cajan</i> L. (Pigeon Pea). <i>Metabolites</i> , 2021, 11, 769.	1.3	10
63	New Carbonic Anhydrase-II Inhibitors from Marine Macro Brown Alga <i>Dictyopteris hoytii</i> Supported by In Silico Studies. <i>Molecules</i> , 2021, 26, 7074.	1.7	7
64	Preparation, Characterization, and Pharmacological Investigation of Withaferin-A Loaded Nanosponges for Cancer Therapy; In Vitro, In Vivo and Molecular Docking Studies. <i>Molecules</i> , 2021, 26, 6990.	1.7	16
65	Synthesis of novel hybrid pharmacophore of <i>N</i> -((4-sulfamoylphenyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 inhibitors. <i>Drug Development Research</i> , 2021, , .	1.4	3
66	Comparative Metabolic Pathways Analysis and Subtractive Genomics Profiling to Prioritize Potential Drug Targets Against <i>Streptococcus pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 796363.	1.5	11
67	Exploring biological efficacy of coumarin clubbed thiazolo[3,2- <i>b</i> ][1,2,4]triazoles as efficient inhibitors of urease: A biochemical and in silico approach. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 345-354.	3.6	31
68	Regio- and Enantioselective Synthesis of Sulfone-Bearing Quaternary Carbon Stereocenters by Pd-Catalyzed Allylic Substitution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1340-1345.	7.2	69
69	Synthesis, characterization and molecular docking of some novel hydrazonothiazolines as urease inhibitors. <i>Bioorganic Chemistry</i> , 2020, 94, 103404.	2.0	22
70	Supplementation of green tea extract (GTE) in extender improves structural and functional characteristics, total antioxidant capacity and <i>in vivo</i> fertility of buffalo ( <i>Bubalus bubalis</i> ) bull spermatozoa. <i>Theriogenology</i> , 2020, 145, 190-197.	0.9	22
71	Lophenol and lathosterol from resin of <i>Commiphora kua</i> possess hepatoprotective effects in vivo. <i>Journal of Ethnopharmacology</i> , 2020, 252, 112558.	2.0	8
72	Robust therapeutic potential of carbazole-triazine hybrids as a new class of urease inhibitors: A distinctive combination of nitrogen-containing heterocycles. <i>Bioorganic Chemistry</i> , 2020, 95, 103479.	2.0	17

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73	Prevalence of p-glycoprotein (PGP) expression, function and its effect on efficacy of rifampicin in patients with lymph node tuberculosis. <i>Indian Journal of Tuberculosis</i> , 2020, 67, 172-176.	0.3	1
74	Supplementation of l-tryptophan (an aromatic amino acid) in tris citric acid extender enhances post-thaw progressive motility, plasmalemma, mitochondrial membrane potential, acrosome, and DNA integrities, and in vivo fertility rate of buffalo ( <i>Bubalus bubalis</i> ) bull spermatozoa. <i>Cryobiology</i> , 2020, 92, 117-123.	0.3	14
75	Anticancer Plants: A Review of the Active Phytochemicals, Applications in Animal Models, and Regulatory Aspects. <i>Biomolecules</i> , 2020, 10, 47.	1.8	170
76	Photocatalytic Decolorization and Biocidal Applications of Nonmetal Doped TiO <sub>2</sub> : Isotherm, Kinetic Modeling and In Silico Molecular Docking Studies. <i>Molecules</i> , 2020, 25, 4468.	1.7	16
77	Dual Airway and Esophageal Stenting in Advanced Esophageal Cancer With Lesions Near Carina. <i>Journal of Bronchology and Interventional Pulmonology</i> , 2020, 27, 286-293.	0.8	6
78	Biochar characteristics, applications and importance in health risk reduction through metal immobilization. <i>Environmental Technology and Innovation</i> , 2020, 20, 101121.	3.0	20
79	Quinazolinones as Competitive Inhibitors of Carbonic Anhydrase-II (Human and Bovine): Synthesis, in-vitro, in-silico, Selectivity, and Kinetics Studies. <i>Frontiers in Chemistry</i> , 2020, 8, 598095.	1.8	17
80	Tungsten-Catalyzed Allylic Substitution with a Heteroatom Nucleophile: Reaction Development and Synthetic Applications. <i>Journal of Organic Chemistry</i> , 2020, 85, 11501-11510.	1.7	17
81	Palladium nanoparticles as efficient catalyst for C-S bond formation reactions. <i>RSC Advances</i> , 2020, 10, 31022-31026.	1.7	8
82	Chemical Constituents and Biological Activities of the Oil from <i>Lycium shawii</i> STEM. <i>Chemistry of Natural Compounds</i> , 2020, 56, 1156-1158.	0.2	2
83	Antiproliferative and Carbonic Anhydrase II Inhibitory Potential of Chemical Constituents from <i>Lycium shawii</i> and <i>Aloe vera</i> : Evidence from In Silico Target Fishing and In Vitro Testing. <i>Pharmaceuticals</i> , 2020, 13, 94.	1.7	20
84	Regioselective molybdenum-catalyzed allylic substitution of tertiary allylic electrophiles: methodology development and applications. <i>Chemical Science</i> , 2020, 11, 5481-5486.	3.7	27
85	Recent advances in combinatorial cancer therapy via multifunctionalized gold nanoparticles. <i>Nanomedicine</i> , 2020, 15, 1221-1237.	1.7	30
86	Complexes of N- and O-Donor Ligands as Potential Urease Inhibitors. <i>ACS Omega</i> , 2020, 5, 10200-10206.	1.6	9
87	Triterpenic Acids as Non-Competitive $\beta$ -Glucosidase Inhibitors from <i>Boswellia elongata</i> with Structure-Activity Relationship: In Vitro and In Silico Studies. <i>Biomolecules</i> , 2020, 10, 751.	1.8	29
88	Genome Subtraction and Comparison for the Identification of Novel Drug Targets against <i>Mycobacterium avium</i> subsp. <i>hominissuis</i> . <i>Pathogens</i> , 2020, 9, 368.	1.2	12
89	Palladium nano-particles as a recyclable catalyst for C-O bond formation under solvent free conditions. <i>Green Chemistry</i> , 2020, 22, 4116-4120.	4.6	13
90	In Silico Modeling of Crimean Congo Hemorrhagic Fever Virus Glycoprotein-N and Screening of Anti Viral Hits by Virtual Screening. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 2675-2688.	0.9	3

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91	Diterpenoids and Triterpenoids From Frankincense Are Excellent Anti-psoriatic Agents: An in silico Approach. <i>Frontiers in Chemistry</i> , 2020, 8, 486.	1.8	12
92	DNA damage analysis concerning GSTM1 and GSTT1 gene polymorphism in gold jewellery workers from Peshawar Pakistan. <i>Biomarkers</i> , 2020, 25, 483-489.	0.9	0
93	New $\pi$ -block complexes of 1,10-phenanthroline and 1,3-benzothiazole-2-thiolate inhibit urease in silico and in vitro. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5842.	1.7	4
94	Fast detection and quantification of pork meat in other meats by reflectance FT-NIR spectroscopy and multivariate analysis. <i>Meat Science</i> , 2020, 163, 108084.	2.7	25
95	Glass beads immobilized doped TiO <sub>2</sub> NPs with enhanced adsorption efficiency for arsenic(III) from aqueous solution. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	7
96	Disparity in soil bacterial community succession along a short time-scale deglaciation chronosequence on the Tibetan Plateau. <i>Soil Ecology Letters</i> , 2020, 2, 83-92.	2.4	11
97	Rigid bronchoscopic interventions for central airway obstruction – An observational study. <i>Lung India</i> , 2020, 37, 114.	0.3	7
98	Synthesis of novel (R)-4-fluorophenyl-1H-1,2,3-triazoles: A new class of $\alpha$ -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 91, 103182.	2.0	26
99	Optical screening of hepatitis-B infected blood sera using optical technique and neural network classifier. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 375-379.	1.3	7
100	Loading AKBA on surface of silver nanoparticles to improve their sedative-hypnotic and anti-inflammatory efficacies. <i>Nanomedicine</i> , 2019, 14, 2783-2798.	1.7	7
101	Anticholinesterase, antioxidant potentials, and molecular docking studies of isolated bioactive compounds from <i>Grewia optiva</i> . <i>International Journal of Food Properties</i> , 2019, 22, 1386-1396.	1.3	25
102	Developing new hybrid scaffold for urease inhibition based on carbazole-chalcone conjugates: Synthesis, assessment of therapeutic potential and computational docking analysis. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 115123.	1.4	28
103	Rifampicin conjugated silver nanoparticles: a new arena for development of antibiofilm potential against methicillin resistant <i>Staphylococcus aureus</i> and <i>Klebsiella pneumoniae</i> . <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 3983-3993.	3.3	43
104	Evidence for the involvement of a GABAergic mechanism in the effectiveness of natural and synthetically modified incensole derivatives in neuropharmacological disorders: A computational and pharmacological approach. <i>Phytochemistry</i> , 2019, 163, 58-74.	1.4	9
105	Oxindole-based chalcones: synthesis and their activity against glycation of proteins. <i>Medicinal Chemistry Research</i> , 2019, 28, 900-906.	1.1	6
106	Natural urease inhibitors from <i>Aloe vera</i> resin and <i>Lycium shawii</i> and their structural-activity relationship and molecular docking study. <i>Bioorganic Chemistry</i> , 2019, 88, 102955.	2.0	13
107	Synthesis and characterization of new thiosemicarbazones, as potent urease inhibitors: In vitro and in silico studies. <i>Bioorganic Chemistry</i> , 2019, 87, 155-162.	2.0	41
108	Crystal structure, shape analysis and bioactivity of new Li <sup>I</sup> , Na <sup>I</sup> and Mg <sup>II</sup> complexes with 1,10-phenanthroline and 2-(3,4-dichlorophenyl)acetic acid. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 294-303.	0.2	5

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109	Anti-nociceptive and Anti-inflammatory Activities of Asparacosin A Involve Selective Cyclooxygenase 2 and Inflammatory Cytokines Inhibition: An in-vitro, in-vivo, and in-silico Approach. <i>Frontiers in Immunology</i> , 2019, 10, 581.	2.2	53
110	Distribution of the anti-inflammatory and anti-depressant compounds: Incensole and incensole acetate in genus <i>Boswellia</i> . <i>Phytochemistry</i> , 2019, 161, 28-40.	1.4	39
111	Apoptotic and antimetastatic activities of betulin isolated from <i>Quercus incana</i> against non-small cell lung cancer cells. <i>Cancer Management and Research</i> , 2019, Volume 11, 1667-1683.	0.9	34
112	Dual inhibitors of urease and carbonic anhydrase-II from <i>Iris</i> species. <i>Pure and Applied Chemistry</i> , 2019, 91, 1695-1707.	0.9	11
113	Contrasting environmental factors drive bacterial and eukaryotic community successions in freshly deglaciated soils. <i>FEMS Microbiology Letters</i> , 2019, 366, .	0.7	10
114	Sodium, Potassium, and Lithium Complexes of Phenanthroline and Diclofenac: First Report on Anticancer Studies. <i>ACS Omega</i> , 2019, 4, 21559-21566.	1.6	22
115	$\hat{\alpha}$ -Glucosidase Inhibition and Molecular Docking Studies of Natural Brominated Metabolites from Marine Macro Brown Alga <i>Dictyopteris hoytii</i> . <i>Marine Drugs</i> , 2019, 17, 666.	2.2	46
116	Xanthenone-based hydrazones as potent $\hat{\alpha}$ -glucosidase inhibitors: Synthesis, solid state self-assembly and in silico studies. <i>Bioorganic Chemistry</i> , 2019, 84, 372-383.	2.0	32
117	Bioactive chromone constituents from <i>Vitex negundo</i> alleviate pain and inflammation. <i>Journal of Pain Research</i> , 2018, Volume 11, 95-102.	0.8	18
118	Selective glycosidase inhibitors: A patent review (2012–present). <i>International Journal of Biological Macromolecules</i> , 2018, 111, 82-91.	3.6	38
119	Sedative and antinociceptive activities of two new sesquiterpenes isolated from <i>Ricinus communis</i> . <i>Chinese Journal of Natural Medicines</i> , 2018, 16, 225-230.	0.7	16
120	Synthesis of new triterpenic monomers and dimers as potential antiproliferative agents and their molecular docking studies. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 948-957.	2.6	12
121	Synthesis, biological activities, and molecular docking studies of 2-mercaptobenzimidazole based derivatives. <i>Bioorganic Chemistry</i> , 2018, 80, 472-479.	2.0	41
122	Isolation and Characterization of Two New Secondary Metabolites From <i>Quercus incana</i> and Their Antidepressant- and Anxiolytic-Like Potential. <i>Frontiers in Pharmacology</i> , 2018, 9, 298.	1.6	6
123	Anti-proliferative potential of cyclotetrapeptides from <i>Bacillus velezensis</i> RA5401 and their molecular docking on G-Protein-Coupled Receptors. <i>Microbial Pathogenesis</i> , 2018, 123, 419-425.	1.3	3
124	Combined in Vitro and in Silico Studies for the Anticholinesterase Activity and Pharmacokinetics of Coumarinyl Thiazoles and Oxadiazoles. <i>Frontiers in Chemistry</i> , 2018, 6, 61.	1.8	45
125	Synthesis of 1H-1,2,3-triazole derivatives as new $\hat{\alpha}$ -glucosidase inhibitors and their molecular docking studies. <i>Bioorganic Chemistry</i> , 2018, 81, 98-106.	2.0	75
126	Vintage meets contemporary: Use of rigid TBNA in the era of real-time imaging – first report from India. <i>Lung India</i> , 2018, 35, 241.	0.3	3



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127	Use of dedicated optical tracheal dilator for postintubation tracheal stenosis: First report from India. <i>Lung India</i> , 2018, 35, 417.	0.3	1
128	<i>In vitro</i> Study on the Antimicrobial Activity of Human Tears with Respect to Age. <i>Korean Journal of Clinical Laboratory Science</i> , 2018, 50, 93-99.	0.1	3
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