List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Anticancer Plants: A Review of the Active Phytochemicals, Applications in Animal Models, and Regulatory Aspects. Biomolecules, 2020, 10, 47.	4.0	170
2	Synthesis of novel derivatives of oxindole, their urease inhibition and molecular docking studies. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3285-3289.	2.2	79
3	Synthesis of 1H-1,2,3-triazole derivatives as new α-glucosidase inhibitors and their molecular docking studies. Bioorganic Chemistry, 2018, 81, 98-106.	4.1	75
4	Transition-metal-free synthesis of oxazoles: valuable structural fragments in drug discovery. RSC Advances, 2016, 6, 93016-93047.	3.6	73
5	Regio―and Enantioselective Synthesis of Sulfoneâ€Bearing Quaternary Carbon Stereocenters by Pdâ€Catalyzed Allylic Substitution. Angewandte Chemie - International Edition, 2020, 59, 1340-1345.	13.8	69
6	Diversity and succession of autotrophic microbial community in high-elevation soils along deglaciation chronosequence. FEMS Microbiology Ecology, 2016, 92, fiw160.	2.7	65
7	Pulmonary Alveolar Proteinosis. Respiratory Care, 2011, 56, 1016-1028.	1.6	55
8	Potential therapeutic natural products against Alzheimer's disease with Reference of Acetylcholinesterase. Biomedicine and Pharmacotherapy, 2021, 139, 111609.	5.6	54
9	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. Frontiers in Immunology, 2019, 10, 581.	4.8	53
10	α-Glucosidase Inhibition and Molecular Docking Studies of Natural Brominated Metabolites from Marine Macro Brown Alga Dictyopteris hoytii. Marine Drugs, 2019, 17, 666.	4.6	46
11	Diospyros , an under-utilized, multi-purpose plant genus: A review. Biomedicine and Pharmacotherapy, 2017, 91, 714-730.	5.6	45
12	Combined in Vitro and in Silico Studies for the Anticholinesterase Activity and Pharmacokinetics of Coumarinyl Thiazoles and Oxadiazoles. Frontiers in Chemistry, 2018, 6, 61.	3.6	45
13	<p>Rifampicin conjugated silver nanoparticles: a new arena for development of antibiofilm potential against methicillin resistant<em> Staphylococcus aureus</em> and<em> Klebsiella pneumoniae</em></p> . International Journal of Nanomedicine, 2019, Volume 14, 3983-3993	6.7	43
14	Synthesis, biological activities, and molecular docking studies of 2-mercaptobenzimidazole based derivatives. Bioorganic Chemistry, 2018, 80, 472-479.	4.1	41
15	Synthesis and characterization of new thiosemicarbazones, as potent urease inhibitors: In vitro and in silico studies. Bioorganic Chemistry, 2019, 87, 155-162.	4.1	41
16	Distribution of the anti-inflammatory and anti-depressant compounds: Incensole and incensole acetate in genus Boswellia. Phytochemistry, 2019, 161, 28-40.	2.9	39
17	Selective glycosidase inhibitors: A patent review (2012–present). International Journal of Biological Macromolecules, 2018, 111, 82-91.	7.5	38
18	Mechanistic aspects of plant-based silver nanoparticles against multi-drug resistant bacteria. Heliyon, 2021, 7, e07448.	3.2	37

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19	Dihydropyrimidine based hydrazine dihydrochloride derivatives as potent urease inhibitors. Bioorganic Chemistry, 2016, 64, 85-96.	4.1	35
20	<p>Apoptotic and antimetastatic activities of betulin isolated from <em>Quercus incana</em> against non-small cell lung cancer cells</p> . Cancer Management and Research, 2019, Volume 11, 1667-1683.	1.9	34
21	Green synthesis and biomedicinal applications of silver and gold nanoparticles functionalized with methanolic extract of <i>Mentha longifolia</i> . Artificial Cells, Nanomedicine and Biotechnology, 2021, 49, 194-203.	2.8	34
22	Effectiveness of Granulocyte-Macrophage Colony-Stimulating Factor Therapy in Autoimmune Pulmonary Alveolar Proteinosis. Chest, 2012, 141, 1273-1283.	0.8	32
23	Xanthenone-based hydrazones as potent α-glucosidase inhibitors: Synthesis, solid state self-assembly and in silico studies. Bioorganic Chemistry, 2019, 84, 372-383.	4.1	32
24	Exploring biological efficacy of coumarin clubbed thiazolo[3,2–b][1,2,4]triazoles as efficient inhibitors of urease: A biochemical and in silico approach. International Journal of Biological Macromolecules, 2020, 142, 345-354.	7.5	31
25	Design of a novel multiple epitope-based vaccine: An immunoinformatics approach to combat SARS-CoV-2 strains. Journal of Infection and Public Health, 2021, 14, 938-946.	4.1	31
26	Recent Advances in Electrochemical Sensing of Hydrogen Peroxide (H2O2) Released from Cancer Cells. Nanomaterials, 2022, 12, 1475.	4.1	31
27	Design, synthesis, in vitro Evaluation and docking studies on dihydropyrimidine-based urease inhibitors. Bioorganic Chemistry, 2017, 74, 53-65.	4.1	30
28	Recent advances in combinatorial cancer therapy via multifunctionalized gold nanoparticles. Nanomedicine, 2020, 15, 1221-1237.	3.3	30
29	Utilization of the common functional groups in bioactive molecules: Exploring dual inhibitory potential and computational analysis of keto esters against α-glucosidase and carbonic anhydrase-II enzymes. International Journal of Biological Macromolecules, 2021, 167, 233-244.	7.5	30
30	Bio-Oriented Synthesis of Novel (S)-Flurbiprofen Clubbed Hydrazone Schiff's Bases for Diabetic Management: In Vitro and In Silico Studies. Pharmaceuticals, 2022, 15, 672.	3.8	30
31	Triterpenic Acids as Non-Competitive α-Clucosidase Inhibitors from Boswellia elongata with Structure-Activity Relationship: In Vitro and In Silico Studies. Biomolecules, 2020, 10, 751.	4.0	29
32	Antinociceptive and anti-inflammatory activities of flavonoids isolated from Pistacia integerrima galls. Complementary Therapies in Medicine, 2016, 25, 132-138.	2.7	28
33	Targeting Dengue Virus NS-3 Helicase by Ligand based Pharmacophore Modeling and Structure based Virtual Screening. Frontiers in Chemistry, 2017, 5, 88.	3.6	28
34	Developing new hybrid scaffold for urease inhibition based on carbazole-chalcone conjugates: Synthesis, assessment of therapeutic potential and computational docking analysis. Bioorganic and Medicinal Chemistry, 2019, 27, 115123.	3.0	28
35	Stigmasterol can be new steroidal drug for neurological disorders: Evidence of the GABAergic mechanism via receptor modulation. Phytomedicine, 2021, 90, 153646.	5.3	28
36	Evaluation of Antioxidant, Free Radical Scavenging, and Antimicrobial Activity of Quercus incana Roxb Frontiers in Pharmacology, 2015, 6, 277.	3.5	27

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37	Regioselective molybdenum-catalyzed allylic substitution of tertiary allylic electrophiles: methodology development and applications. Chemical Science, 2020, 11, 5481-5486.	7.4	27
38	Synthesis of novel (R)-4-fluorophenyl-1H-1,2,3-triazoles: A new class of α-glucosidase inhibitors. Bioorganic Chemistry, 2019, 91, 103182.	4.1	26
39	Anticholinesterase, antioxidant potentials, and molecular docking studies of isolated bioactive compounds from <i>Grewia optiva</i> . International Journal of Food Properties, 2019, 22, 1386-1396.	3.0	25
40	Fast detection and quantification of pork meat in other meats by reflectance FT-NIR spectroscopy and multivariate analysis. Meat Science, 2020, 163, 108084.	5.5	25
41	Attenuation of nociceptive and paclitaxel-induced neuropathic pain by targeting inflammatory, CGRP and substance P signaling using 3-Hydroxyflavone. Neurochemistry International, 2021, 144, 104981.	3.8	24
42	Robust Synthesis of Ciprofloxacin-Capped Metallic Nanoparticles and Their Urease Inhibitory Assay. Molecules, 2016, 21, 411.	3.8	23
43	Urease inhibitory profile of extracts and chemical constituents of <i>Pistacia atlantica</i> ssp. cabulica Stocks. Natural Product Research, 2016, 30, 1411-1416.	1.8	23
44	Sodium, Potassium, and Lithium Complexes of Phenanthroline and Diclofenac: First Report on Anticancer Studies. ACS Omega, 2019, 4, 21559-21566.	3.5	22
45	Synthesis, characterization and molecular docking of some novel hydrazonothiazolines as urease inhibitors. Bioorganic Chemistry, 2020, 94, 103404.	4.1	22
46	Supplementation of green tea extract (GTE) in extender improves structural and functional characteristics, total antioxidant capacity and inÂvivo fertility of buffalo (Bubalus bubalis) bull spermatozoa. Theriogenology, 2020, 145, 190-197.	2.1	22
47	Rational Design of Novel Inhibitors of α-Glucosidase: An Application of Quantitative Structure Activity Relationship and Structure-Based Virtual Screening. Pharmaceuticals, 2021, 14, 482.	3.8	22
48	Marine peptides in breast cancer: Therapeutic and mechanistic understanding. Biomedicine and Pharmacotherapy, 2021, 142, 112038.	5.6	22
49	New amino acid clubbed Schiff bases inhibit carbonic anhydrase II, α-glucosidase, and urease enzymes: in silico and in vitro. Medicinal Chemistry Research, 2021, 30, 712-728.	2.4	22
50	Pharmacological screening of Monotheca buxifolia (Falc.) A. DC. for antinociceptive, anti-inflammatory and antipyretic activities. BMC Complementary and Alternative Medicine, 2016, 16, 273.	3.7	21
51	Isolation and characterization of three new anti-proliferative Sesquiterpenes from Polygonum barbatum and their mechanism via apoptotic pathway. BMC Cancer, 2017, 17, 694.	2.6	21
52	In Silico Prediction of Novel Inhibitors of SARS-CoV-2 Main Protease through Structure-Based Virtual Screening and Molecular Dynamic Simulation. Pharmaceuticals, 2021, 14, 896.	3.8	21
53	In Silico Study of Alkaloids as α-Glucosidase Inhibitors: Hope for the Discovery of Effective Lead Compounds. Frontiers in Endocrinology, 2016, 7, 153.	3.5	20
54	Biochar characteristics, applications and importance in health risk reduction through metal immobilization. Environmental Technology and Innovation, 2020, 20, 101121.	6.1	20

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55	Antiproliferative and Carbonic Anhydrase II Inhibitory Potential of Chemical Constituents from Lycium shawii and Aloe vera: Evidence from In Silico Target Fishing and In Vitro Testing. Pharmaceuticals, 2020, 13, 94.	3.8	20
56	Moxifloxacin-capped noble metal nanoparticles as potential urease inhibitors. New Journal of Chemistry, 2015, 39, 8080-8086.	2.8	18
57	Bioactive chromone constituents from <em>Vitex negundo</em> alleviate pain and inflammation. Journal of Pain Research, 2018, Volume 11, 95-102.	2.0	18
58	Prevalence of Type II diabetes in District Dir Lower in Pakistan. Pakistan Journal of Medical Sciences, 2016, 32, 622-5.	0.6	17
59	Robust therapeutic potential of carbazole-triazine hybrids as a new class of urease inhibitors: A distinctive combination of nitrogen-containing heterocycles. Bioorganic Chemistry, 2020, 95, 103479.	4.1	17
60	Quinazolinones as Competitive Inhibitors of Carbonic Anhydrase-II (Human and Bovine): Synthesis, in-vitro, in-silico, Selectivity, and Kinetics Studies. Frontiers in Chemistry, 2020, 8, 598095.	3.6	17
61	Tungsten-Catalyzed Allylic Substitution with a Heteroatom Nucleophile: Reaction Development and Synthetic Applications. Journal of Organic Chemistry, 2020, 85, 11501-11510.	3.2	17
62	Bioassay-Guided Isolation of Sesquiterpene Coumarins from Ferula narthex Bioss: A New Anticancer Agent. Frontiers in Pharmacology, 2016, 7, 26.	3.5	16
63	Evaluation of Raman spectroscopy in comparison to commonly performed dengue diagnostic tests. Journal of Biomedical Optics, 2016, 21, 095005.	2.6	16
64	Discovering Novel Alternaria solani Succinate Dehydrogenase Inhibitors by in Silico Modeling and Virtual Screening Strategies to Combat Early Blight. Frontiers in Chemistry, 2017, 5, 100.	3.6	16
65	Sedative and antinociceptive activities of two new sesquiterpenes isolated from Ricinus communis. Chinese Journal of Natural Medicines, 2018, 16, 225-230.	1.3	16
66	Photocatalytic Decolorization and Biocidal Applications of Nonmetal Doped TiO2: Isotherm, Kinetic Modeling and In Silico Molecular Docking Studies. Molecules, 2020, 25, 4468.	3.8	16
67	Preparation, Characterization, and Pharmacological Investigation of Withaferin-A Loaded Nanosponges for Cancer Therapy; In Vitro, In Vivo and Molecular Docking Studies. Molecules, 2021, 26, 6990.	3.8	16
68	A Rare Class of New Dimeric Naphthoquinones from Diospyros lotus have Multidrug Reversal and Antiproliferative Effects. Frontiers in Pharmacology, 2015, 6, 293.	3.5	15
69	Insights from spectroscopic and in-silico techniques for the exploitation of biomolecular interactions between Human serum albumin and Paromomycin. Colloids and Surfaces B: Biointerfaces, 2017, 157, 242-253.	5.0	15
70	Biomedical Applications of Scutellaria edelbergii Rech. f.: In Vitro and In Vivo Approach. Molecules, 2021, 26, 3740.	3.8	15
71	Vaccine Development against COVID-19: Study from Pre-Clinical Phases to Clinical Trials and Global Use. Vaccines, 2021, 9, 836.	4.4	15
72	Search for safer and potent natural inhibitors of Parkinson's disease. Neurochemistry International, 2021, 149, 105135.	3.8	15

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73	Phytochemical and pharmacological uses of medicinal plants to treat cancer: A case study from Khyber Pakhtunkhwa, North Pakistan. Journal of Ethnopharmacology, 2021, 281, 114437.	4.1	15
74	Elevational diversity and distribution of ammonia-oxidizing archaea community in meadow soils on the Tibetan Plateau. Applied Microbiology and Biotechnology, 2017, 101, 7065-7074.	3.6	14
75	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 (Bubalus bubalis) bull spermatozoa. Cryobiology, 2020, 92. 117-123.	0.7	14
76	Synthesis of benzimidazole based hydrazones as nonâ€sugar based αâ€glucosidase inhibitors: Structure activity relation and molecular docking. Drug Development Research, 2021, 82, 1033-1043.	2.9	14
77	Synthesis, Characterization, and Photocatalytic, Bactericidal, and Molecular Docking Analysis of Cu–Fe/TiO <sub>2</sub> Photocatalysts: Influence of Metallic Impurities and Calcination Temperature on Charge Recombination. ACS Omega, 2021, 6, 26108-26118.	3.5	14
78	Identification of α-Glucosidase Inhibitors from Scutellaria edelbergii: ESI-LC-MS and Computational Approach. Molecules, 2022, 27, 1322.	3.8	14
79	Urease inhibition potential of Di-naphthodiospyrol from <i>Diospyros lotus</i> roots. Natural Product Research, 2017, 31, 1214-1218.	1.8	13
80	Three new anthraquinone derivatives isolated from Symplocos racemosa and their antibiofilm activity. Chinese Journal of Natural Medicines, 2017, 15, 944-949.	1.3	13
81	Natural urease inhibitors from Aloe vera resin and Lycium shawii and their structural-activity relationship and molecular docking study. Bioorganic Chemistry, 2019, 88, 102955.	4.1	13
82	Palladium nano-particles as a recyclable catalyst for C–O bond formation under solvent free conditions. Green Chemistry, 2020, 22, 4116-4120.	9.0	13
83	Synthesis of New 1H-1,2,3-Triazole Analogs in Aqueous Medium via "Click―Chemistry: A Novel Class of Potential Carbonic Anhydrase-II Inhibitors. Frontiers in Chemistry, 2021, 9, 642614.	3.6	13
84	A Randomized Controlled Trial of Electrocoagulation-Enabled Biopsy versus Conventional Biopsy in the Diagnosis of Endobronchial Lesions. Respiration, 2011, 81, 129-133.	2.6	12
85	Comparative enzyme inhibition study of 1-deazapurines. Medicinal Chemistry Research, 2016, 25, 2599-2606.	2.4	12
86	Syntheses of 4,6-dihydroxypyrimidine diones, their urease inhibition, in vitro, in silico, and kinetic studies. Bioorganic Chemistry, 2017, 75, 317-331.	4.1	12
87	Synthesis of new triterpenic monomers and dimers as potential antiproliferative agents and their molecular docking studies. European Journal of Medicinal Chemistry, 2018, 143, 948-957.	5.5	12
88	Genome Subtraction and Comparison for the Identification of Novel Drug Targets against Mycobacterium avium subsp. hominissuis. Pathogens, 2020, 9, 368.	2.8	12
89	Diterpenoids and Triterpenoids From Frankincense Are Excellent Anti-psoriatic Agents: An in silico Approach. Frontiers in Chemistry, 2020, 8, 486.	3.6	12
90	Structure-Based Virtual Screening of Tumor Necrosis Factor-α Inhibitors by Cheminformatics Approaches and Bio-Molecular Simulation. Biomolecules, 2021, 11, 329.	4.0	12

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91	New synthetic 1H-1,2,3-triazole derivatives of 3-O-acetyl-Î <sup>2</sup> -boswellic acid and 3-O-acetyl-11-keto-Î <sup>2</sup> -boswellic acid from Boswellia sacra inhibit carbonic anhydrase II in vitro. Medicinal Chemistry Research, 2021, 30, 1185-1198.	2.4	12
92	Bioassay-guided isolation of novel and selective urease inhibitors from Diospyros lotus. Chinese Journal of Natural Medicines, 2017, 15, 865-870.	1.3	11
93	Dual inhibitors of urease and carbonic anhydrase-II from <i>Iris</i> species. Pure and Applied Chemistry, 2019, 91, 1695-1707.	1.9	11
94	Green synthesis of silver and gold nanoparticles using <i>Crataegus oxyacantha</i> extract and their urease inhibitory activities. Biotechnology and Applied Biochemistry, 2021, 68, 992-1002.	3.1	11
95	Disparity in soil bacterial community succession along a short time-scale deglaciation chronosequence on the Tibetan Plateau. Soil Ecology Letters, 2020, 2, 83-92.	4.5	11
96	Biophysical investigation of interactions between sorbic acid and human serum albumin through spectroscopic and computational approaches. New Journal of Chemistry, 2021, 45, 7682-7693.	2.8	11
97	Anti-diabetic potential of β-boswellic acid and 11-keto-β-boswellic acid: Mechanistic insights from computational and biochemical approaches. Biomedicine and Pharmacotherapy, 2022, 147, 112669.	5.6	11
98	The 7-Hydroxyflavone attenuates chemotherapy-induced neuropathic pain by targeting inflammatory pathway. International Immunopharmacology, 2022, 107, 108674.	3.8	11
99	Comparative Metabolic Pathways Analysis and Subtractive Genomics Profiling to Prioritize Potential Drug Targets Against Streptococcus pneumoniae. Frontiers in Microbiology, 2021, 12, 796363.	3.5	11
100	Hepatoprotective and urease inhibitory activities of garlic conjugated gold nanoparticles. New Journal of Chemistry, 2015, 39, 5003-5007.	2.8	10
101	Contrasting environmental factors drive bacterial and eukaryotic community successions in freshly deglaciated soils. FEMS Microbiology Letters, 2019, 366, .	1.8	10
102	Therapeutic potential of N-substituted thiosemicarbazones as new urease inhibitors: Biochemical and in silico approach. Bioorganic Chemistry, 2021, 109, 104691.	4.1	10
103	Iron-Zinc Co-Doped Titania Nanocomposite: Photocatalytic and Photobiocidal Potential in Combination with Molecular Docking Studies. Catalysts, 2021, 11, 1112.	3.5	10
104	Gastrointestinal Motility and Acute Toxicity of Pistagremic Acid Isolated from the Galls of Pistacia integerrima. Medicinal Chemistry, 2017, 13, 292-294.	1.5	10
105	Regio- and enantioselective formation of tetrazole-bearing quaternary stereocenters <i>via</i> palladium-catalyzed allylic amination. Organic Chemistry Frontiers, 2022, 9, 456-461.	4.5	10
106	Effect of Cadmium and Copper Exposure on Growth, Physio-Chemicals and Medicinal Properties of Cajanus cajan L. (Pigeon Pea). Metabolites, 2021, 11, 769.	2.9	10
107	Computational identification of potential drug targets against Mycobacterium leprae. Medicinal Chemistry Research, 2016, 25, 473-481.	2.4	9
108	Lead Assessment in Biological Samples of Children with Different Gastrointestinal Disorders. Biological Trace Element Research, 2016, 169, 41-45.	3.5	9

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109	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. Phytochemistry, 2019, 163, 58-74.	2.9	9
110	Complexes of N- and O-Donor Ligands as Potential Urease Inhibitors. ACS Omega, 2020, 5, 10200-10206.	3.5	9
111	Chemical Constituents and Carbonic Anhydrase II Activity of Essential Oil of <i>Acridocarpus orientalis</i> A. Juss. in Comparison With Stem and Leaves. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 68-74.	1.9	9
112	Synthesis and biological activities of alcohol extract of black cumin seeds ( <i>Bunium) Tj ETQq0 0 0 rgBT /Overl Synthesis, 2021, 10, 440-455.</i>	ock 10 Tf . 3.4	50 627 Td (pe 9
113	Fabrication and Biological Assessment of Antidiabetic α-Mangostin Loaded Nanosponges: In Vitro, In Vivo, and In Silico Studies. Molecules, 2021, 26, 6633.	3.8	9
114	Commikuanoids A-C: New cycloartane triterpenoids with exploration of carbonic anhydrase-II inhibition from the resins of Commiphora kua by in vitro and in silico molecular docking. Fìtoterapìâ, 2022, 157, 105125.	2.2	9
115	Fabrication and Evaluation of Voriconazole Loaded Transethosomal Gel for Enhanced Antifungal and Antileishmanial Activity. Molecules, 2022, 27, 3347.	3.8	9
116	Synthesis, structure–activity relationship and antinociceptive activities of some 2-(2′-pyridyl) benzimidazole derivatives. Medicinal Chemistry Research, 2016, 25, 1216-1228.	2.4	8
117	Rapid Synthesis of Gold Nanoparticles from Quercus incana and Their Antimicrobial Potential against Human Pathogens. Applied Sciences (Switzerland), 2017, 7, 29.	2.5	8
118	Lophenol and lathosterol from resin of Commiphora kua possess hepatoprotective effects in vivo. Journal of Ethnopharmacology, 2020, 252, 112558.	4.1	8
119	Palladium nanoparticles as efficient catalyst for C–S bond formation reactions. RSC Advances, 2020, 10, 31022-31026.	3.6	8
120	Attenuation of spatial memory in 5xFAD mice by targeting cholinesterases, oxidative stress and inflammatory signaling using 2-(hydroxyl-(2-nitrophenyl)methyl)cyclopentanone. International Immunopharmacology, 2021, 100, 108083.	3.8	8
121	Optical screening of hepatitis-B infected blood sera using optical technique and neural network classifier. Photodiagnosis and Photodynamic Therapy, 2019, 27, 375-379.	2.6	7
122	Loading AKBA on surface of silver nanoparticles to improve their sedative-hypnotic and anti-inflammatory efficacies. Nanomedicine, 2019, 14, 2783-2798.	3.3	7
123	Glass beads immobilized doped TiO2 NPs with enhanced adsorption efficiency for arsenic(III) from aqueous solution. SN Applied Sciences, 2020, 2, 1.	2.9	7
124	Alkali complexes of non-steroidal anti-inflammatory drugs inhibit lung and oral cancers <i>in vitro</i> . New Journal of Chemistry, 2021, 45, 45-52.	2.8	7
125	Bio-oriented synthesis of new sulphadiazine derivatives for urease inhibition and their pharmacokinetic analysis. Scientific Reports, 2021, 11, 18973.	3.3	7
126	Rigid bronchoscopic interventions for central airway obstruction – An observational study. Lung India, 2020, 37, 114.	0.7	7

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127	New Carbonic Anhydrase-II Inhibitors from Marine Macro Brown Alga Dictyopteris hoytii Supported by In Silico Studies. Molecules, 2021, 26, 7074.	3.8	7
128	Enzymes Inhibition and Antioxidant Potential of Medicinal Plants Growing in Oman. BioMed Research International, 2022, 2022, 1-9.	1.9	7
129	Research design and statistical methods in Pakistan Journal of Medical Sciences (PJMS). Pakistan Journal of Medical Sciences, 1969, 32, 151-4.	0.6	6
130	Isolation and Characterization of Two New Secondary Metabolites From Quercus incana and Their Antidepressant- and Anxiolytic-Like Potential. Frontiers in Pharmacology, 2018, 9, 298.	3.5	6
131	Oxindole-based chalcones: synthesis and their activity against glycation of proteins. Medicinal Chemistry Research, 2019, 28, 900-906.	2.4	6
132	Dual Airway and Esophageal Stenting in Advanced Esophageal Cancer With Lesions Near Carina. Journal of Bronchology and Interventional Pulmonology, 2020, 27, 286-293.	1.4	6
133	Green synthesis, in vivo and in vitro pharmacological studies of Tamarindus indica based gold nanoparticles. Bioprocess and Biosystems Engineering, 2021, 44, 1185-1192.	3.4	6
134	Role of P-gp and HDAC2 and their Reciprocal Relationship in Uncontrolled Asthma. Current Pharmaceutical Biotechnology, 2021, 22, 408-413.	1.6	6
135	Exploring biologically active hybrid pharmacophore N-substituted hydrazine-carbothioamides for urease inhibition: In vitro and in silico approach. International Journal of Biological Macromolecules, 2021, 182, 534-544.	7.5	6
136	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. Journal of Essential Oil-bearing Plants: JEOP, 2021, 24, 1180-1191.	1.9	6
137	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. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 294-303.	0.5	5
138	Bio-Potency and Molecular Docking Studies of Isolated Compounds from Grewia optiva J.R. Drumm. ex Burret. Molecules, 2021, 26, 2019.	3.8	5
139	Cyclopentanone Derivative Attenuates Memory Impairment by Inhibiting Amyloid Plaques Formation in the 5xFAD Mice. International Journal of Molecular Sciences, 2021, 22, 9559.	4.1	5
140	Low-cost Zeolite/TiO2 composite for the photocatalytically enhanced adsorption of Cd2+ from aqueous solution. Journal of the Iranian Chemical Society, 2021, 18, 2165-2180.	2.2	5
141	Synthesis of gemifloxacin conjugated silver nanoparticles, their amplified bacterial efficacy against human pathogen and their morphological study <i>via</i> TEM analysis. Artificial Cells, Nanomedicine and Biotechnology, 2021, 49, 661-671.	2.8	5
142	Benzamide sulfonamide derivatives: potent inhibitors of carbonic anhydrase-II. Medicinal Chemistry Research, 2016, 25, 438-448.	2.4	4
143	Antioxidant, antimicrobial and urease inhibiting activities of methanolic extracts from <i>Cyphostemma digitatum</i> stem and roots. Natural Product Research, 2016, 30, 486-488.	1.8	4
144	New sâ€block complexes of 1,10â€phenanthroline and 1,3â€benzothizoleâ€2â€thiolate inhibit urease in silico	and <sub>3.5</sub>	4

in vitro. Applied Organometallic Chemistry, 2020, 34, e5842.

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145	Scalp Hair Metal Analysis Concerning DNA Damage in Welders of Peshawar Khyber Pakhtunkhwa Pakistan. Biological Trace Element Research, 2021, 199, 1649-1656.	3.5	4
146	Synthesis of indole-substituted thiosemicarbazones as an aldose reductase inhibitor: anÂ <i>in vitro</i> , selectivity and <i>in silico</i> study. Future Medicinal Chemistry, 2021, 13, 1185-1201.	2.3	4
147	Isolation and characterisation of three new anthraquinone secondary metabolites from <i>Symplocos racemosa </i> . Natural Product Research, 2016, 30, 168-173.	1.8	3
148	Anti-proliferative potential of cyclotetrapeptides from Bacillus velezensis RA5401 and their molecular docking on G-Protein-Coupled Receptors. Microbial Pathogenesis, 2018, 123, 419-425.	2.9	3
149	In Silico Modeling of Crimean Congo Hemorrhagic Fever Virus Glycoprotein-N and Screening of Anti Viral Hits by Virtual Screening. International Journal of Peptide Research and Therapeutics, 2020, 26, 2675-2688.	1.9	3
150	Dihydropyrimidones: A ligands urease recognition study and mechanistic insight through in vitro and in silico approach. Medicinal Chemistry Research, 2021, 30, 120-132.	2.4	3
151	Assessment of DNA damage induced by endosulfan in grass carp (Ctenopharyngodon idella) Tj ETQq1 1 0.784314	4 rgBT /C	)verjock 10 T
152	Myrrhanone B and Myrrhanol B from resin of Commipohora mukul exhibit hepatoprotective effects in-vivo. Biomedicine and Pharmacotherapy, 2021, 143, 112131.	5.6	3
153	Macrocyclic sulfone derivatives: Synthesis, characterization, in vitro biological evaluation and molecular docking. Drug Development Research, 2021, 82, 562-574.	2.9	3
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