

M Iqbal Iqbal Choudhary

List of Publications by Year in descending order

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1,145
papers

26,025
citations

16411

64
h-index

42291

92
g-index

1243
all docs

1243
docs citations

1243
times ranked

21801
citing authors

#	ARTICLE	IF	CITATIONS
1	Two new 5(14)-membered type cyclopeptide alkaloids from root bark of <i>Ziziphus spina-christi</i> (L.) Desf.. <i>Natural Product Research</i> , 2023, 37, 2473-2479.	1.0	2
2	A new sesquiterpene, prosoterpene, from <i>Prosopis africana</i> (Guill. & Perr.) Taub. <i>Natural Product Research</i> , 2023, 37, 3220-3227.	1.0	4
3	Three new constituents from the Tujia ethnomedicine <i>Swertia punicea</i> Hemsl.. <i>Natural Product Research</i> , 2023, 37, 1444-1455.	1.0	5
4	Environmental strategy and the petroleum industry: a sustainability balanced scorecard approach. <i>Journal of Petroleum Exploration and Production</i> , 2023, 13, 763-774.	1.2	4
5	New dibenzocyclooctadiene lignan from stems of <i>Kadsura heteroclita</i> . <i>Natural Product Research</i> , 2022, 36, 8-17.	1.0	6
6	Anti-glycemic potential of benzophenone thio/semicarbazone derivatives: synthesis, enzyme inhibition and ligand docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 7339-7350.	2.0	4
7	Peptide conjugates of 18 β -glycyrrhetic acid as potent inhibitors of α -glucosidase and AGEs-induced oxidation. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 168, 106045.	1.9	12
8	Synthesis of 1,2,3-triazole modified analogues of hydrochlorothiazide via click chemistry approach and in-vitro α -glucosidase enzyme inhibition studies. <i>Molecular Diversity</i> , 2022, 26, 2049-2067.	2.1	5
9	Synthesis of new clioquinol derivatives as potent α -glucosidase inhibitors; molecular docking, kinetic and structure-activity relationship studies. <i>Bioorganic Chemistry</i> , 2022, 119, 105506.	2.0	13
10	Phytochemical compounds of <i>Guibourtia ehie</i> and their antioxidant, urease and α -glucosidase inhibitory activities. , 2022, 2, 306-312.		6
11	Isolation of two new triterpene glycoside from the fruits of <i>Terminalia arjuna</i> and their in vitro and in silico studies. <i>Natural Product Research</i> , 2022, , 1-9.	1.0	1
12	Serum Stable and Low Hemolytic Temporin-SHa Peptide Analogs Disrupt Cell Membrane of Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA). <i>Probiotics and Antimicrobial Proteins</i> , 2022, 14, 391-405.	1.9	3
13	Synthesis of [1- α]- <i>zanzanriorb</i> A1, alanine-containing analogues, and their cytotoxic and anti-inflammatory activity. <i>Journal of Peptide Science</i> , 2022, 28, e3405.	0.8	1
14	Indole-linked 1,2,3-triazole derivatives efficiently modulate COX-2 protein and PGE2 levels in human THP-1 monocytes by suppressing AGE-ROS-NF- κ B nexus. <i>Life Sciences</i> , 2022, 291, 120282.	2.0	5
15	Microwave assisted Biology-Oriented Drug Synthesis (BIODS) of new N,N ² -disubstituted benzylamine analogous of 4-aminoantipyrine against leishmaniasis - In vitro assay and in silico-predicted molecular interactions with key metabolic targets. <i>Bioorganic Chemistry</i> , 2022, 120, 105621.	2.0	5
16	One-pot synthesis of oxoaporphines as potent antitumor agents and investigation of their mechanisms of actions. <i>European Journal of Medicinal Chemistry</i> , 2022, 231, 114141.	2.6	6
17	3, 5-DCPBC Down-Regulates Multiple Phosphokinase Dependent Signal Transduction Pathways in Malignant Melanoma Cells through Specific Diminution of EGFR Y1086 Phosphorylation. <i>Molecules</i> , 2022, 27, 1172.	1.7	0
18	Structural transformation of methasterone with <i>Cunninghamella blakesleeana</i> and <i>Macrophomina phaseolina</i> . <i>RSC Advances</i> , 2022, 12, 9494-9500.	1.7	1

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19	Phytochemical Characterizations of <i>Maranthes polyandra</i> (Benth.) Prance. <i>Molecules</i> , 2022, 27, 1316.	1.7	1
20	Drugs Repurposing: An Approach used to Identify New Hits against Anticancer Drug Target TFIIH Subunit p8. <i>Bioorganic Chemistry</i> , 2022, 124, 105755.	2.0	0
21	Anti-glycation properties of <i>Illicium verum</i> Hook. f. fruit in-vitro and in a diabetic rat model. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, 79.	1.2	1
22	A new flavone and a newly synthesized alkaloid from <i>Lippia rugosa</i> A. Chev (Verbenaceae). <i>Natural Product Research</i> , 2022, , 1-9.	1.0	1
23	New glycosides from the trunk of <i>Tabernaemontana contorta</i> Stapf. (Apocynaceae) and their antibacterial activity. <i>Biochemical Systematics and Ecology</i> , 2022, 101, 104396.	0.6	2
24	Insight into isolation and elucidation of cytotoxic ergostanoids from the mushroom <i>Sarcosphaera crassa</i> (Santi) Pouzar: An edible mushroom. <i>Steroids</i> , 2022, 181, 108990.	0.8	2
25	Synthesis and Evaluation of Bis-Schiff Bases of Carbohydrazide as Antioxidant and Cytotoxic Agents. <i>Medicinal Chemistry</i> , 2022, 18, 667-678.	0.7	1
26	Insight into structural features and supramolecular architecture of synthesized quinoxaline derivatives with anti-leishmanial activity, in vitro. <i>Journal of Molecular Structure</i> , 2022, 1263, 133107.	1.8	2
27	Suppression of COX-2/PGE2 levels by carbazole-linked triazoles via modulating methylglyoxal-AGEs and glucose-AGEs induced ROS/NF- κ B signaling in monocytes. <i>Cellular Signalling</i> , 2022, 97, 110372.	1.7	7
28	Prediction of Type 2 Diabetes at Pre-diabetes Stage by Mass Spectrometry: A Preliminary Study. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, .	0.9	1
29	Antibacteria, Antiurease, and Antiproliferative Abruquinones from <i>Abrus precatorius</i> Roots. <i>Journal of Biologically Active Products From Nature</i> , 2022, 12, 276-290.	0.1	0
30	Functional and ligand binding studies of NAD(P)H hydrate dehydratase enzyme from vancomycin-resistant <i>Staphylococcus aureus</i> by NMR spectroscopic approach, including saturation transfer difference (STD-NMR) spectroscopy. <i>Biochimie</i> , 2022, 201, 148-156.	1.3	1
31	In vitro and in silico xanthine oxidase inhibitory activities of 3-aryl-2-thioxo-2,3-dihydroquinazolin-4(1H)-one derivatives. <i>Medicinal Chemistry</i> , 2022, 18, .	0.7	0
32	Isolation, derivatization, in-vitro, and in-silico studies of potent butyrylcholinesterase inhibitors from <i>Berberis parkeriana</i> Schneid. <i>Bioorganic Chemistry</i> , 2022, 127, 105944.	2.0	4
33	New bicyclic lactone by biotransformation of β -caryophyllene using <i>Aspergillus niger</i> . <i>Letters in Organic Chemistry</i> , 2022, 19, .	0.2	0
34	Ultrasonic-assisted synthesis of amantadine derivatives-in vitro urease and α -glucosidase inhibitory activities, mechanistic, and computational studies. <i>Journal of Molecular Structure</i> , 2022, 1266, 133544.	1.8	3
35	Identification of quinoline derivatives as growth inhibitors of Δ MDR pathogen <i>Klebsiella pneumoniae</i> . <i>Future Microbiology</i> , 2022, 17, 843-859.	1.0	1
36	The genus <i>Schefflera</i> : A review of traditional uses, phytochemistry and pharmacology. <i>Journal of Ethnopharmacology</i> , 2021, 279, 113675.	2.0	5

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37	<i>In-vitro</i> and <i>in-vivo</i> anticandidal activity of <i>Trachyspermum ammi</i> (L.) sprague seeds ethanolic extract and thymol-containing hexanes fraction. <i>Natural Product Research</i> , 2021, 35, 4833-4838.	1.0	5
38	Isolation of new secondary metabolites from the liana <i>Landolphia lucida</i> K. Schum. (Apocynaceae). <i>Phytochemistry Letters</i> , 2021, 41, 27-33.	0.6	5
39	Synthesis of co-crystals of anti-cancer nandrolone as a potential leads towards treatment of cancer. <i>Journal of Molecular Structure</i> , 2021, 1224, 128981.	1.8	7
40	Celebrex derivatives: Synthesis, α -glucosidase inhibition, crystal structures and molecular docking studies. <i>Bioorganic Chemistry</i> , 2021, 106, 104499.	2.0	31
41	Synthesis, crystal structure and Hirshfeld Surface analysis of benzamide derivatives of thiourea as potent inhibitors of α -glucosidase <i>in-vitro</i> . <i>Bioorganic Chemistry</i> , 2021, 107, 104531.	2.0	24
42	Elevated anxiety, hypoactivity, memory deficits, decreases of brain serotonin and 5-HT-1A receptors expression in rats treated with omeprazole. <i>Toxicological Research</i> , 2021, 37, 237-248.	1.1	13
43	Allelopathic activity of some Sri Lankan seaweed extracts and the isolation of a new brominated nonaromatic isolaurene type sesquiterpene from red alga <i>Laurencia heteroclada</i> harvey. <i>Natural Product Research</i> , 2021, 35, 2020-2027.	1.0	5
44	A new metabolite from <i>Cunninghamella blakesleeana</i> -mediated biotransformation of an oral contraceptive drug, levonorgestrel. <i>Natural Product Research</i> , 2021, 35, 2095-2098.	1.0	5
45	Exploration of stilbenoid trimers as potential inhibitors of sirtuin1 enzyme using a molecular docking and molecular dynamics simulation approach. <i>RSC Advances</i> , 2021, 11, 19323-19332.	1.7	1
46	<i>Fusarium lini</i> ; Potential for the Biotransformation of Norandrostenedione and Evaluation of Urease and Chymotrypsin Properties of the Transformed Products. <i>Advances in Biological Chemistry</i> , 2021, 11, 65-77.	0.2	1
47	Cytotoxicity of Schisandronic Acid from <i>Kadsura coccinea</i> by Activation of Caspase-3, Cleavage of poly-ADP Ribose Polymerase, and Reduction of Oxidative Stress. <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 51-58.	0.6	3
48	Gliclazide alters macrophages polarization state in diabetic atherosclerosis <i>in vitro</i> via blocking AGE-RAGE/TLR4-reactive oxygen species-activated NF- κ 2 nexus. <i>European Journal of Pharmacology</i> , 2021, 894, 173874.	1.7	20
49	The Antibacterial, Insecticidal and Nematocidal Activities and Toxicity Studies of <i>Tanacetum falconeri</i> ; Hook. f.. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2021, 18, 744-751.	0.6	3
50	Bimetallic Iron-Palladium Catalyst System as a Lewis-Acid for the Synthesis of Novel Pharmacophores Based Indole Scaffold as Anticancer Agents. <i>Molecules</i> , 2021, 26, 2212.	1.7	5
51	Antioxidant and ROS inhibitory activities of heterocyclic 2-Aryl-4(3H)-quinazolinone derivatives. <i>Letters in Drug Design and Discovery</i> , 2021, 18, .	0.4	2
52	Phenolic Compounds from the Plant <i>Petrosimonia triandra</i> . <i>Chemistry of Natural Compounds</i> , 2021, 57, 536-538.	0.2	2
53	New isolate from <i>Salvinia molesta</i> with antioxidant and urease inhibitory activity. <i>Drug Development Research</i> , 2021, 82, 1169-1181.	1.4	12
54	Dibenzazepine-linked isoxazoles: New and potent class of α -glucosidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 40, 127979.	1.0	3

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55	Cyclic Polyketides with α -Glucosidase Inhibitory Activity from <i>Endiandra kingiana</i> Gamble and Molecular Docking Study. <i>Records of Natural Products</i> , 2021, 15, 414-419.	1.3	1
56	Pd(II) and Rh(III) Complexes with Isoquinoline Derivatives Induced Mitochondria-Mediated Apoptotic and Autophagic Cell Death in HepG2 Cells. <i>CCS Chemistry</i> , 2021, 3, 1626-1641.	4.6	4
57	Isoflavanquinones from <i>Abrus precatorius</i> roots with their antiproliferative and anti-inflammatory effects. <i>Phytochemistry</i> , 2021, 187, 112743.	1.4	14
58	Bioassay-Guided Isolation of Anti-Inflammatory Constituents from <i>Erigeron canadensis</i> . <i>Chemistry of Natural Compounds</i> , 2021, 57, 749-751.	0.2	1
59	In vitro and in cellulo anti-diabetic activity of AuI- and AuIII-isothiourea complexes. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108666.	1.8	1
60	Potential of diterpene compounds as antivirals, a review. <i>Heliyon</i> , 2021, 7, e07777.	1.4	24
61	Biocatalytic transformation of steroidal drugs oxandrolone and ganaxolone, and aromatase inhibitory activity of transformed products. <i>Phytochemistry Letters</i> , 2021, 44, 137-141.	0.6	4
62	Regio- and Stereoselective Synthesis of a New Series of Spirooxindole Pyrrolidine Grafted Thiochromene Scaffolds as Potential Anticancer Agents. <i>Symmetry</i> , 2021, 13, 1426.	1.1	23
63	Identification of new lead molecules against anticancer drug target TFIH subunit P8 using biophysical and molecular docking studies. <i>Bioorganic Chemistry</i> , 2021, 114, 105021.	2.0	5
64	Distinct genetic landscape and a low response to doxorubicin in a luminal-A breast cancer cell line of Pakistani origin. <i>Molecular Biology Reports</i> , 2021, 48, 6821-6829.	1.0	1
65	<i>Eremomastax speciosa</i> (Hochst.) Cufod. counteracts the delaying effect of indomethacin on <i>Helicobacter pylori</i> -associated chronic gastric ulcers healing. <i>Journal of Ethnopharmacology</i> , 2021, 279, 114374.	2.0	7
66	Dibenzocyclooctadiene lignans from <i>Kadsura coccinea</i> alleviate APAP-induced hepatotoxicity via oxidative stress inhibition and activating the Nrf2 pathway in vitro. <i>Bioorganic Chemistry</i> , 2021, 115, 105277.	2.0	9
67	On the molecular basis of H ₂ O/DMSO eutectic mixtures by using phenol compounds as molecular sensors: a combined NMR and DFT study. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 15645-15658.	1.3	3
68	Paclitaxel: Application in Modern Oncology and Nanomedicine-Based Cancer Therapy. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-24.	1.9	93
69	Fucosyltransferase 2 inhibitors: Identification via docking and STD-NMR studies. <i>PLoS ONE</i> , 2021, 16, e0257623.	1.1	2
70	Stereoselective Synthesis of the Di-Spirooxindole Analogs Based Oxindole and Cyclohexanone Moieties as Potential Anticancer Agents. <i>Molecules</i> , 2021, 26, 6305.	1.7	13
71	Synthesis of New Valinol- α -Derived Sultam Triazoles as α -Glucosidase Inhibitors. <i>ChemistrySelect</i> , 2021, 6, 9780-9786.	0.7	6
72	Anti-inflammatory and Antioxidant Properties of Finger Millet (<i>Eleusine coracana</i> (L.) Gaertn.) Varieties Cultivated in Sri Lanka. <i>BioMed Research International</i> , 2021, 2021, 1-10.	0.9	9

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73	Label-free quantitation of the changes in salivary proteome associated with the chronic consumption of the betel nut (<i>Areca catechu</i>). <i>Molecular Omics</i> , 2021, , .	1.4	1
74	Cytotoxic, Antibacterial, and Leishmanicidal Activities of <i>Paullinia pinnata</i> (Linn.) Leaves. <i>Avicenna Journal of Medical Biochemistry</i> , 2021, , .	0.5	0
75	Effect of APOB polymorphism rs562338 (G/A) on serum proteome of coronary artery disease patients: a "proteogenomic" approach. <i>Scientific Reports</i> , 2021, 11, 22766.	1.6	3
76	3, 5-DCPBC: A magic bullet for melanoma therapy. <i>Free Radical Biology and Medicine</i> , 2021, 177, S99.	1.3	0
77	Anti-glycating and anti-oxidant compounds from traditionally used anti-diabetic plant <i>Geigeria alata</i> (DC) Oliv. & Hiern.. <i>Natural Product Research</i> , 2020, 34, 2456-2464.	1.0	6
78	Chemical constituents from leaves and trunk bark of <i>Rinorea oblongifolia</i> (Violaceae). <i>Natural Product Research</i> , 2020, 34, 2014-2021.	1.0	7
79	Schinortriterpenoids from <i>Tujia</i> ethnomedicine Xuetong "The stems of <i>Kadsura heteroclita</i> . <i>Phytochemistry</i> , 2020, 169, 112178.	1.4	4
80	Salivary Proteomic Analysis of Betel Nut (<i>Areca catechu</i>) Consumers by Mass Spectrometry Revealed Primary Indication of Oral Malignancies. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 1073-1084.	0.9	0
81	Solvent free synthesis of 1-alkoxyphosphonium chlorides for stereoselective multipurpose vinyl ethers. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 37-42.	0.8	5
82	Microbial transformation of oral contraceptive ethisterone by <i>Aspergillus niger</i> and <i>Cunninghamella blakesleeana</i> . <i>Steroids</i> , 2020, 154, 108467.	0.8	7
83	Insight into the binding affinity of thiourea in the calcium binding pocket of proteinase K, through high resolution X-ray crystallography. <i>Bioorganic Chemistry</i> , 2020, 94, 103443.	2.0	5
84	Synthesis, computational studies and biological activity of oxamohydrazide derivatives bearing isatin and ferrocene scaffolds. <i>Journal of Molecular Structure</i> , 2020, 1202, 127372.	1.8	5
85	Seven new metabolites of drostanolone heptanoate by using <i>Beauveria bassiana</i> , and <i>Macrophomina phaseolina</i> cell suspension cultures. <i>RSC Advances</i> , 2020, 10, 451-460.	1.7	1
86	Chemical constituents from <i>Parrotia persica</i> - Structural derivatization and their potential prolyl endopeptidase inhibition activity. <i>Bioorganic Chemistry</i> , 2020, 96, 103526.	2.0	11
87	Synthesis, crystal structure, evaluation of urease inhibition potential and the docking studies of cobalt(III) complex based on barbituric acid Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2020, 503, 119405.	1.2	18
88	Triterpenoids from stems of <i>Kadsura heteroclita</i> . <i>F"toterap"ç</i> , 2020, 140, 104441.	1.1	4
89	Inhibitory Effects of Myrtucommuacetalone 1 (MCA-1) from <i>Myrtus Communis</i> on Inflammatory Response in Mouse Macrophages. <i>Molecules</i> , 2020, 25, 13.	1.7	10
90	New copper complexes inducing bimodal death through apoptosis and autophagy in A549 cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2020, 213, 111260.	1.5	31

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91	Î²-Glucuronidase inhibitors from Malaysian plants. <i>Journal of Molecular Structure</i> , 2020, 1221, 128743.	1.8	7
92	Fungal transformation of norandrostenedione with <i>Cunninghamella blakesleeana</i> and anti-bacterial activity of the transformed products. <i>Steroids</i> , 2020, 162, 108679.	0.8	8
93	Fungal mediated biotransformation of melengestrol acetate, and T-cell proliferation inhibitory activity of biotransformed compounds. <i>Bioorganic Chemistry</i> , 2020, 104, 104313.	2.0	3
94	Synthesis of vildagliptin conjugated metal nanoparticles for type II diabetes control: targeting the DPP-IV enzyme. <i>New Journal of Chemistry</i> , 2020, 44, 20853-20860.	1.4	6
95	Preclinical study of the medicinal plants for the treatment of malignant melanoma. <i>Molecular Biology Reports</i> , 2020, 47, 5975-5983.	1.0	3
96	In silico identification of potential inhibitors of key SARS-CoV-2 3CL hydrolase (Mpro) via molecular docking, MMGBSA predictive binding energy calculations, and molecular dynamics simulation. <i>PLoS ONE</i> , 2020, 15, e0235030.	1.1	115
97	Biotransformation of contraceptive drug desogestrel with <i>Cunninghamella elegans</i> , and anti-inflammatory activity of its metabolites. <i>Steroids</i> , 2020, 162, 108694.	0.8	6
98	Antipsychotics drug aripiprazole as a lead against breast cancer cell line (MCF-7) in vitro. <i>PLoS ONE</i> , 2020, 15, e0235676.	1.1	19
99	Isolation of Antidiabetic Withanolides from <i>Withania coagulans</i> Dunal and Their In Vitro and In Silico Validation. <i>Biology</i> , 2020, 9, 197.	1.3	16
100	Recent Advances of Graphene-Derived Nanocomposites in Water-Based Drilling Fluids. <i>Nanomaterials</i> , 2020, 10, 2004.	1.9	18
101	Clarithromycin Exerts an Antibiofilm Effect against <i>Salmonella enterica</i> Serovar Typhimurium rDNA Biofilm Formation and Transforms the Physiology towards an Apparent Oxygen-Depleted Energy and Carbon Metabolism. <i>Infection and Immunity</i> , 2020, 88, .	1.0	4
102	A comparative metabolomic study on desi and kabuli chickpea (<i>Cicer arietinum</i> L.) genotypes under rainfed and irrigated field conditions. <i>Scientific Reports</i> , 2020, 10, 13919.	1.6	15
103	NMR and Computational Studies as Analytical and High-Resolution Structural Tool for Complex Hydroperoxides and Diastereomeric Endo-Hydroperoxides of Fatty Acids in Solution-Exemplified by Methyl Linolenate. <i>Molecules</i> , 2020, 25, 4902.	1.7	12
104	Enamine Barbiturates and Thiobarbiturates as a New Class of Bacterial Urease Inhibitors. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3523.	1.3	5
105	Synthesis and characterisation of thiobarbituric acid enamine derivatives, and evaluation of their Î±-glucosidase inhibitory and anti-glycation activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 692-701.	2.5	17
106	Whole-cell fungal-mediated structural transformation of anabolic drug metenolone acetate into potent anti-inflammatory metabolites. <i>Journal of Advanced Research</i> , 2020, 24, 69-78.	4.4	9
107	Sedative, Muscle Relaxant-Like Effects, and Molecular Docking Study of Compounds Isolated from <i>Salvia leriifolia</i> . <i>Revista Brasileira De Farmacognosia</i> , 2020, 30, 257-260.	0.6	1
108	Crystal Structure and Theoretical Investigation of Thiobarbituric Acid Derivatives as Nonlinear Optical (NLO) Materials. <i>Crystals</i> , 2020, 10, 442.	1.0	2

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109	Anti-Inflammatory Principles from <i>Tamarix aphylla</i> L.: A Bioassay-Guided Fractionation Study. <i>Molecules</i> , 2020, 25, 2994.	1.7	18
110	Jiawei Shengmai San herbal formula ameliorates diabetic associate cognitive decline by modulating <sc>AKT</sc> and <sc>CREB</sc> in rats. <i>Phytotherapy Research</i> , 2020, 34, 3249-3261.	2.8	9
111	<i>Kadsura coccinea</i> : A rich source of structurally diverse and biologically important compounds. <i>Chinese Herbal Medicines</i> , 2020, 12, 214-223.	1.2	18
112	The unique catalytic role of water in aromatic C-H activation at neutral pH: a combined NMR and DFT study of polyphenolic compounds. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 17401-17411.	1.3	3
113	A new steroidal alkaloid from <i>Fritillaria michailovskyi</i> Fomin. <i>Natural Product Research</i> , 2020, , 1-6.	1.0	4
114	Megestrol acetate induced proliferation and differentiation of osteoblastic MC3T3-E1 cells: A drug repurposing approach. <i>Steroids</i> , 2020, 157, 108607.	0.8	1
115	Three Multi-Components Reaction: Synthesis and X-Ray Single-Crystal of Hydroacridinone-Based Hydrazino-S-Triazine Derivative as a New Class of Urease Inhibitor. <i>Crystals</i> , 2020, 10, 14.	1.0	7
116	Antiproliferative constituents from the aerial parts of <i>Chrysophthalmum montanum</i> (DC.) Boiss. <i>Phytochemistry Letters</i> , 2020, 36, 173-182.	0.6	7
117	Thymidine phosphorylase and prostrate cancer cell proliferation inhibitory activities of synthetic 4-hydroxybenzohydrazides: In vitro, kinetic, and in silico studies. <i>PLoS ONE</i> , 2020, 15, e0227549.	1.1	4
118	Medicinal plants used in the treatment of tuberculosis - Ethnobotanical and ethnopharmacological approaches. <i>Biotechnology Advances</i> , 2020, 44, 107629.	6.0	24
119	Chemical constituents from <i>Schefflera leucantha</i> R.Vig. (Araliaceae). <i>Biochemical Systematics and Ecology</i> , 2020, 91, 104076.	0.6	5
120	Crystal engineering of exemestane to obtain a co-crystal with enhanced urease inhibition activity. <i>IUCr</i> , 2020, 7, 105-112.	1.0	7
121	Bergenin protects pancreatic beta cells against cytokine-induced apoptosis in INS-1E cells. <i>PLoS ONE</i> , 2020, 15, e0241349.	1.1	9
122	<i>Verbascum sinaiticum</i> : A Rich Source of Antioxidant Phenylethanoid Glycosides. <i>Natural Products Journal</i> , 2020, 10, 158-162.	0.1	3
123	Effect of Steroidal Hormone Pregnenolone on Proliferation and Differentiation of MC3T3-E1 Osteoblast like Cells. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 1139-1145.	0.4	2
124	Crystal structure and Hirshfeld surface analysis of the methanol solvate of sclareol, a labdane-type diterpenoid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 294-297.	0.2	1
125	CHEMICAL STUDY OF LAVANDULA FERTILIZER. <i>Series Chemistry and Technology</i> , 2020, 2, 39-46.	0.1	0
126	Synthesis of (4R)-thiazolidine carboxylic acid and evaluation of antioxidant potential. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 575-579.	0.2	0

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127	High-performance thin-layer chromatography fingerprinting, total phenolic and total flavonoid contents and anti-platelet-aggregation activities of <i>Prosopis farcta</i> extracts. <i>Cellular and Molecular Biology</i> , 2020, 66, 8-14.	0.3	0
128	In vitro antiglycation and antioxidant properties of benzophenone thiosemicarbazones. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 1147-1153.	0.2	0
129	New Benzamide Analogues of Metronidazole- α -ethered Triazoles as Non-sugar Based Inhibitors of β -Glucuronidase. <i>ChemistrySelect</i> , 2019, 4, 8634-8637.	0.7	4
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403	Synthesis and structure-activity relationship of thiobarbituric acid derivatives as potent inhibitors of urease. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4119-4123.	1.4	43
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1102	New Steroidal Alkaloids from the Roots of <i>Buxus papillosa</i> . <i>Journal of Natural Products</i> , 1992, 55, 1063-1066.	1.5	19
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1107	Alkaloids from <i>Buxus</i> species. <i>Phytochemistry</i> , 1992, 31, 2933-2935.	1.4	14
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