M Iqbal Iqbal Choudhary

List of Publications by Year
in descending order

1,145 papers	26,025 citations	16451 64 h-index	42399 92 g-index
1243 all docs	1243 docs citations	1243 times ranked	21801 citing authors

#	Article	IF	Citations
1	Antidiabetic Potential of Medicinal Plants and Their Active Components. Biomolecules, 2019, 9, 551.	4.0	325
2	Chemistry and Mechanism of Urease Inhibition. Current Medicinal Chemistry, 2002, 9, 1323-1348.	2.4	315
3	Synthesis, antioxidant activities and urease inhibition of some new 1,2,4-triazole and 1,3,4-thiadiazole derivatives. European Journal of Medicinal Chemistry, 2010, 45, 5200-5207.	5.5	265
4	Acetylcholinesterase and butyrylcholinesterase inhibitory activity of some Turkish medicinal plants. Journal of Ethnopharmacology, 2004, 91, 57-60.	4.1	247
5	Molecular pharmacology of inflammation: Medicinal plants as anti-inflammatory agents. Pharmacological Research, 2019, 139, 126-140.	7.1	209
6	Biscoumarin: new class of urease inhibitors; economical synthesis and activity. Bioorganic and Medicinal Chemistry, 2004, 12, 1963-1968.	3.0	201
7	Application of analytical methods in authentication and adulteration of honey. Food Chemistry, 2017, 217, 687-698.	8.2	195
8	Structureâ€“activity relationships of tyrosinase inhibitory combinatorial library of 2,5-disubstituted-1,3,4-oxadiazole analogues. Bioorganic and Medicinal Chemistry, 2005, 13, 3385-3395.	3.0	168
9	High Resolution NMR Spectroscopy as a Structural and Analytical Tool for Unsaturated Lipids in Solution. Molecules, 2017, 22, 1663.	3.8	164
10	Antioxidant and anticholinesterase evaluation of selected Turkish Salvia species. Food Chemistry, 2007, 103, 1247-1254.	8.2	155
11	Synthesis of novel inhibitors of Î±-glucosidase based on the benzothiazole skeleton containing benzohydrazide moiety and their molecular docking studies. European Journal of Medicinal Chemistry, 2015, 92, 387-400.	5.5	155
12	Nigellidine â€" A new indazole alkaloid from the seeds of Nigella sativa. Tetrahedron Letters, 1995, 36, 1993-1996.	1.4	140
13	Synthesis of bis-Schiff bases of isatins and their antiglycation activity. Bioorganic and Medicinal Chemistry, 2009, 17, 7795-7801.	3.0	134
14	Bioactive natural products as a potential source of new pharmacophores. A theory of memory. Pure and Applied Chemistry, 2001, 73, 555-560.	1.9	128
15	Synthesis and molecular docking studies of potent Î±-glucosidase inhibitors based on biscoumarin skeleton. European Journal of Medicinal Chemistry, 2014, 81, 245-252.	5.5	128
16	Quantitative HPLC analysis of withanolides in Withania somnifera. FÃ¬toterapÃ¬Ã¢, 2003, 74, 68-76.	2.2	127
17	Inhibition of Î±-glucosidase by oleanolic acid and its synthetic derivatives. Phytochemistry, 2002, 60, 295-299.	2.9	119
18	N-Alkylation of anilines, carboxamides and several nitrogen heterocycles using CsFâ€“Celite/alkyl halides/CH3CN combination. Tetrahedron, 2001, 57, 9951-9957.	1.9	118

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19	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. PLoS ONE, 2020, 15, e0235030.	2.5	115
20	Protocols on safety, efficacy, standardization, and documentation of herbal medicine (IUPAC) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	1.9	105
21	3-Formylchromones: Potential antiinflammatory agents. European Journal of Medicinal Chemistry, 2010, 45, 4058-4064.	5.5	103
22	Cholinesterase Inhibiting Withanolides from Withania somnifera. Chemical and Pharmaceutical Bulletin, 2004, 52, 1358-1361.	1.3	101
23	Kinetics of novel competitive inhibitors of urease enzymes by a focused library of oxadiazoles/thiadiazoles and triazoles. Biochemical and Biophysical Research Communications, 2004, 319, 1053-1063.	2.1	99
24	Tetraketones: A new class of tyrosinase inhibitors. Bioorganic and Medicinal Chemistry, 2006, 14, 344-351.	3.0	99
25	Synthesis and inÂvitro urease inhibitory activity of N,Nâ€²-disubstituted thioureas. European Journal of Medicinal Chemistry, 2014, 74, 314-323.	5.5	98
26	Crassiflorone, a new naphthoquinone from Diospyros crassiflora (Hien). Tetrahedron Letters, 2006, 47, 3067-3070.	1.4	97
27	Antifungal steroidal lactones from Withania coagulance. Phytochemistry, 1995, 40, 1243-1246.	2.9	96
28	Antifungal Diterpenoid Alkaloids fromDelphinium denudatum. Journal of Natural Products, 1997, 60, 472-474.	3.0	94
29	Snake Venom: From Deadly Toxins to Life-saving Therapeutics. Current Medicinal Chemistry, 2017, 24, 1874-1891.	2.4	94
30	Oxazolones: New tyrosinase inhibitors; synthesis and their structureâ€“activity relationships. Bioorganic and Medicinal Chemistry, 2006, 14, 6027-6033.	3.0	93
31	Schiff bases of 3-formylchromone as thymidine phosphorylase inhibitors. Bioorganic and Medicinal Chemistry, 2009, 17, 2983-2988.	3.0	93
32	Paclitaxel: Application in Modern Oncology and Nanomedicine-Based Cancer Therapy. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-24.	4.0	93
33	Withanolides, a new class of natural cholinesterase inhibitors with calcium antagonistic properties. Biochemical and Biophysical Research Communications, 2005, 334, 276-287.	2.1	92
34	Synthesis and immunomodulatory properties of selected oxazolone derivatives. Bioorganic and Medicinal Chemistry, 2004, 12, 2049-2057.	3.0	91
35	Synthesis of novel inhibitors of Î²-glucuronidase based on benzothiazole skeleton and study of their binding affinity by molecular docking. Bioorganic and Medicinal Chemistry, 2011, 19, 4286-4294.	3.0	91
36	Synthesis and in vitro leishmanicidal activity of some hydrazides and their analogues. Bioorganic and Medicinal Chemistry, 2003, 11, 1381-1387.	3.0	88

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37	Black carbon aerosols in urban air in South Asia. Atmospheric Environment, 2009, 43, 1737-1744.	4.1	88
38	Studies on the chemical constituents ofPhyllanthus emblica. Natural Product Research, 2007, 21, 775-781.	1.8	87
39	Alkaloids of Aconitum laeve and their anti-inflammatory, antioxidant and tyrosinase inhibition activities. Phytochemistry, 2005, 66, 935-940.	2.9	86
40	Anti-inflammatory isoflavonoids from the rhizomes of Iris germanica. Journal of Ethnopharmacology, 2003, 86, 177-180.	4.1	84
41	Juliflorine: A potent natural peripheral anionic-site-binding inhibitor of acetylcholinesterase with calcium-channel blocking potential, a leading candidate for Alzheimerâ€™s disease therapy. Biochemical and Biophysical Research Communications, 2005, 332, 1171-1179.	2.1	83
42	Antioxidant activity of some lichen metabolites. Natural Product Research, 2011, 25, 1827-1837.	1.8	83
43	Diterpenoid and steroidal alkaloids. Natural Product Reports, 1999, 16, 619-635.	10.3	82
44	Leishmanicidal and Cholinesterase Inhibiting Activities of Phenolic Compounds from Allanblackia monticola and Symphonia globulifera. Molecules, 2007, 12, 1548-1557.	3.8	80
45	Clavepictines A and B: cytotoxic quinolizidines from the tunicate Clavelina picta. Journal of the American Chemical Society, 1991, 113, 3178-3180.	13.7	79
46	Enzymes Inhibiting Lignans from Vitex negundo. Chemical and Pharmaceutical Bulletin, 2004, 52, 1269-1272.	1.3	78
47	Synthesis of diethyl 4-substituted-2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylates as a new series of inhibitors against yeast Î±-glucosidase. European Journal of Medicinal Chemistry, 2015, 95, 199-209.	5.5	78
48	Synthesis of Coumarin Derivatives with Cytotoxic, Antibacterial and Antifungal Activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2004, 19, 373-379.	5.2	75
49	New Î±-Glucosidase Inhibitors and Antibacterial Compounds fromMyrtus communis L.. European Journal of Organic Chemistry, 2006, 2006, 2371-2377.	2.4	75
50	Acetyl and butyrylcholinesterase-inhibiting triterpenoid alkaloids from Buxus papillosa. Phytochemistry, 2001, 58, 963-968.	2.9	73
51	Tyrosinase inhibitory lignans from the methanol extract of the roots of Vitex negundo Linn. and their structureâ€“activity relationship. Phytomedicine, 2006, 13, 255-260.	5.3	73
52	Î±-Glucosidase Inhibitory Activity of Triterpenoids from Cichorium intybus. Journal of Natural Products, 2008, 71, 910-913.	3.0	72
53	In vitro cytotoxic, antibacterial, antifungal and urease inhibitory activities of some N⁴- substituted isatin-3-thiosemicarbazones. Journal of Enzyme Inhibition and Medicinal Chemistry, 2008, 23, 848-854.	5.2	71
54	Identification of Novel Urease Inhibitors by High-Throughput Virtual and in Vitro Screening. ACS Medicinal Chemistry Letters, 2010, 1, 145-149.	2.8	71

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55	Antioxidant and anticholinesterase active constituents from Micromeria cilicica by radical-scavenging activity-guided fractionation. Food Chemistry, 2011, 126, 31-38.	8.2	71
56	Quinolizidine Alkaloids fromSophora alopecuroides. Journal of Natural Products, 2000, 63, 190-192.	3.0	70
57	New biscoumarin derivatives-cytotoxicity and enzyme inhibitory activities. Bioorganic and Medicinal Chemistry, 2006, 14, 8066-8072.	3.0	70
58	Urease inhibitors fromHypericum oblongifoliumWALL.. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 296-299.	5.2	70
59	Antioxidant and antimicrobial activities of Tamarix ramosissima. Journal of Ethnopharmacology, 2001, 78, 201-205.	4.1	68
60	Presence of cholinomimetic and acetylcholinesterase inhibitory constituents in betel nut. Life Sciences, 2004, 75, 2377-2389.	4.3	68
61	Antiinflammatory and lipoxygenase inhibitory compounds from vitex agnusâ€castus. Phytotherapy Research, 2009, 23, 1336-1339.	5.8	68
62	Alpha-glucosidase and tyrosinase inhibitors from fungal hydroxylation of tibolone and hydroxytibolones. Steroids, 2010, 75, 956-966.	1.8	67
63	Synthesis crystal structure of 2-methoxybenzoylhydrazones and evaluation of their Î±-glucosidase and urease inhibition potential. Medicinal Chemistry Research, 2015, 24, 1310-1324.	2.4	66
64	Syntheses and Biological Activities of Chalcone and 1,5-Benzothiazepine Derivatives: Promising New Free-Radical Scavengers, and Esterase, Urease, and?-Glucosidase Inhibitors. Chemistry and Biodiversity, 2005, 2, 487-496.	2.1	65
65	Ursolic acid: a potent Inhibitor of superoxides produced in the cellular system. Phytotherapy Research, 2007, 21, 558-561.	5.8	65
66	In vitro immunomodulating properties of selected Sudanese medicinal plants. Journal of Ethnopharmacology, 2008, 118, 26-34.	4.1	65
67	New Withanolides from Withania sp.. Journal of Natural Products, 1993, 56, 1000-1006.	3.0	64
68	Phenolic and other constituents of fresh water fern Salvinia molesta. Phytochemistry, 2008, 69, 1018-1023.	2.9	63
69	Phenolic glycosides from Symplocos racemosa: natural inhibitors of phosphodiesterase I. Phytochemistry, 2003, 63, 217-220.	2.9	62
70	Synthesis and antibacterial activity of substituted flavones, 4-thioflavones and 4-iminoflavones. Bioorganic and Medicinal Chemistry, 2006, 14, 4704-4711.	3.0	62
71	Cyclopeptide alkaloids of Ziziphus oxyphylla Edgw as novel inhibitors of Î±-glucosidase enzyme and protein glycation. Phytochemistry Letters, 2011, 4, 404-406.	1.2	61
72	Synthesis and Î²-glucuronidase inhibitory activity of 2-arylquinazolin-4(3H)-ones. Bioorganic and Medicinal Chemistry, 2014, 22, 3449-3454.	3.0	61

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73	Bioactive phenolic compounds from a medicinal lichen, Usnea longissima. Phytochemistry, 2005, 66, 2346-2350.	2.9	60
74	Synthesis, reactions and biological activity of some new bis-heterocyclic ring compounds containing sulphur atom. Chemistry Central Journal, 2013, 7, 112.	2.6	60
75	New Antioxidant and Antimicrobial Ellagic Acid Derivatives from Pteleopsis hylodendron. Planta Medica, 2001, 67, 335-339.	1.3	59
76	Two New Aurones from Marine Brown Alga Spatoglossum variabile.. Chemical and Pharmaceutical Bulletin, 2001, 49, 105-107.	1.3	59
77	Presence of Antispasmodic, Antidiarrheal, Antisecretory, Calcium Antagonist and Acetylcholinesterase Inhibitory Steroidal Alkaloids inSarcococca saligna. Planta Medica, 2005, 71, 120-125.	1.3	59
78	Design, synthesis, and urease inhibition studies of some 1,3,4-oxadiazoles and 1,2,4-triazoles derived from mandelic acid. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 572-576.	5.2	59
79	Evaluation of Brevibacillus brevis as a potential plant growth promoting rhizobacteria for cotton (Gossypium hirsutum) crop. SpringerPlus, 2016, 5, 948.	1.2	59
80	New carbazole linked 1,2,3-triazoles as highly potent non-sugar Î±-glucosidase inhibitors. Bioorganic Chemistry, 2017, 74, 72-81.	4.1	59
81	Alkaloids of Fumaria indica. Phytochemistry, 1992, 31, 2869-2872.	2.9	58
82	Withanolides from Withania coagulans. Phytochemistry, 2003, 63, 387-390.	2.9	58
83	Taraxacin, a New Guaianolide fromTaraxacum wallichii. Journal of Natural Products, 2000, 63, 1010-1011.	3.0	57
84	Bioactive Constituents from Boswellia papyrifera. Journal of Natural Products, 2005, 68, 189-193.	3.0	57
85	Biotransformation of adrenosterone by filamentous fungus, Cunninghamella elegans. Steroids, 2007, 72, 923-929.	1.8	57
86	New Steroidal Alkaloids from Fritillaria imperialis and Their Cholinesterase Inhibiting Activities.. Chemical and Pharmaceutical Bulletin, 2002, 50, 1013-1016.	1.3	56
87	Prenylated anthronoid antioxidants from the stem bark of Harungana madagascariensis. Phytochemistry, 2005, 66, 1174-1179.	2.9	56
88	Biological and molecular docking studies on coagulin-H: Human IL-2 novel natural inhibitor. Molecular Immunology, 2006, 43, 1855-1863.	2.2	56
89	In vitro cytotoxic activity of isolated acridones alkaloids from Zanthoxylum leprieurii Guill. et Perr. Bioorganic and Medicinal Chemistry, 2010, 18, 3601-3605.	3.0	55
90	Diterpenoid and steroidal alkaloids. Natural Product Reports, 1995, 12, 361.	10.3	54

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91	Effects of ethanolic extract of Iris germanica on lipid profile of rats fed on a high-fat diet. Journal of Ethnopharmacology, 2005, 98, 217-220.	4.1	53
92	New class of acetylcholinesterase inhibitors from the stem bark of Knema laurina and their structural insights. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4097-4103.	2.2	53
93	Antiglycation, antioxidant and toxicological potential of polyphenol extracts of alligator pepper, ginger and nutmeg from Nigeria. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, 727-732.	1.2	53
94	Biodiesel production from microalgal isolates of southern Pakistan and quantification of FAMEs by GC-MS/MS analysis. Chemistry Central Journal, 2012, 6, 149.	2.6	53
95	Synthesis, biological evaluation, and docking studies of novel thiourea derivatives of bisindolylmethane as carbonic anhydrase II inhibitor. Bioorganic Chemistry, 2015, 62, 83-93.	4.1	53
96	Î±-Glucosidase Inhibitory Anthranols, Kenganthranols Aâ^'C, from the Stem Bark ofHarunganamadagascariensis. Journal of Natural Products, 2006, 69, 229-233.	3.0	52
97	cis-Clerodane-Type Furanoditerpenoids from Tinospora crispa. Journal of Natural Products, 2010, 73, 541-547.	3.0	52
98	Oxadiazoles and thiadiazoles: Novel Î±-glucosidase inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 5454-5465.	3.0	52
99	Antiglycation therapy: Discovery of promising antiglycation agents for the management of diabetic complications. Pharmaceutical Biology, 2016, 54, 198-206.	2.9	52
100	Chemistry, Urease Inhibition, and Phytotoxic Studies of Binuclear Vanadium(IV) Complexes. Chemistry and Biodiversity, 2007, 4, 58-71.	2.1	51
101	A study on antioxidant, free radical scavenging, anti-inflammatory and hepatoprotective actions of Aegiceras corniculatum (stem) extracts. Journal of Ethnopharmacology, 2008, 118, 514-521.	4.1	51
102	2-Arylquinazolin-4(3H)-ones: A new class of Î±-glucosidase inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 7417-7421.	3.0	51
103	Hydrogen Atomic Positions of Oâ€“HÂ·Â·Â·O Hydrogen Bonds in Solution and in the Solid State: The Synergy of Quantum Chemical Calculations with 1H-NMR Chemical Shifts and X-ray Diffraction Methods. Molecules, 2017, 22, 415.	3.8	51
104	Antifungal aryltetralin lignans from leaves of Podophyllum hexandrum. Phytochemistry, 1995, 40, 427-431.	2.9	50
105	Chlorinated and diepoxy withanolides from Withania somnifera and their cytotoxic effects against human lung cancer cell line. Phytochemistry, 2010, 71, 2205-2209.	2.9	50
106	Synthesis and structure investigation of novel pyrimidine-2,4,6-trione derivatives of highly potential biological activity as anti-diabetic agent. Journal of Molecular Structure, 2015, 1098, 365-376.	3.6	50
107	Design, synthesis, in-vitro thymidine phosphorylase inhibition, in-vivo antiangiogenic and in-silico studies of C-6 substituted dihydropyrimidines. Bioorganic Chemistry, 2018, 80, 99-111.	4.1	50
108	Tyrosinase Inhibitors from Rhododendron collettianum and Their Structure-Activity Relationship (SAR) Studies. Chemical and Pharmaceutical Bulletin, 2004, 52, 1458-1461.	1.3	49

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109	1,3,4-Oxadiazole-2(3H)-thione and its analogues: A new class of non-competitive nucleotide pyrophosphatases/phosphodiesterases 1 inhibitors. Bioorganic and Medicinal Chemistry, 2009, 17, 7816-7822.	3.0	49
110	2-(2â€²-Pyridyl) benzimidazole derivatives and their urease inhibitory activity. Medicinal Chemistry Research, 2014, 23, 4447-4454.	2.4	49
111	Zoanthaminone, a new alkaloid from a marine zoanthid. Tetrahedron Letters, 1989, 30, 6825-6828.	1.4	48
112	Anticonvulsant activities of ethanolic extract and aqueous fraction isolated from Delphinium denudatum. Journal of Ethnopharmacology, 2001, 78, 73-78.	4.1	48
113	Serum metabonomics of acute leukemia using nuclear magnetic resonance spectroscopy. Scientific Reports, 2016, 6, 30693.	3.3	48
114	Three Tyrosinase Inhibitors and Antioxidant Compounds from Salsola foetida. Helvetica Chimica Acta, 2003, 86, 457-464.	1.6	47
115	Saponins fromCussoniabancoensisand Their Inhibitory Effects on Nitric Oxide Production. Journal of Natural Products, 2003, 66, 1266-1269.	3.0	47
116	Kinetics and structureâ€“activity relationship studies on pregnane-type steroidal alkaloids that inhibit cholinesterases. Bioorganic and Medicinal Chemistry, 2004, 12, 1995-2003.	3.0	47
117	Pregnenolone derivatives as potential anticancer agents. Steroids, 2011, 76, 1554-1559.	1.8	47
118	Evaluation of bisindole as potent Î²-glucuronidase inhibitors: Synthesis and in silico based studies. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1825-1829.	2.2	47
119	Biotransformation of monoterpenoids and their antimicrobial activities. Phytomedicine, 2014, 21, 1597-1626.	5.3	47
120	Dihydropyrano [2,3-c] pyrazole: Novel in vitro inhibitors of yeast Î±-glucosidase. Bioorganic Chemistry, 2016, 65, 61-72.	4.1	47
121	Water holding capacity and evaporation of calcareous soils as affected by four synthetic polymers. Communications in Soil Science and Plant Analysis, 1995, 26, 2205-2215.	1.4	46
122	New Cholinesterase Inhibiting Steroidal Alkaloids from the Leaves of Sarcococca coriacea of Nepalese Origin.. Chemical and Pharmaceutical Bulletin, 2002, 50, 1423-1426.	1.3	46
123	Oxidative Burst Inhibitory and Cytotoxic Indoloquinazoline and Furoquinoline Alkaloids from Oricia suaveolens. Journal of Natural Products, 2008, 71, 1942-1945.	3.0	46
124	Antifungal and antibacterial activities of Taxus wallichiana Zucc. Journal of Enzyme Inhibition and Medicinal Chemistry, 2008, 23, 256-260.	5.2	46
125	Synthesis and Urease Inhibition Studies of Barbituric and Thiobarbituric Acid Derived Sulphonamides. Journal of the Chinese Chemical Society, 2011, 58, 528-537.	1.4	46
126	Synthesis of 2-methoxybenzoylhydrazone and evaluation of their antileishmanial activity. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3463-3466.	2.2	46

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127	Perovskone: a triterpene with a novel carbon skeleton from Perovskia abrotanoides. Journal of Organic Chemistry, 1992, 57, 4339-4340.	3.2	45
128	Cholinesterase inhibitory and spasmolytic potential of steroidal alkaloids. Journal of Steroid Biochemistry and Molecular Biology, 2004, 92, 477-484.	2.5	45
129	Unsymmetrically disubstituted urea derivatives: A potent class of antiglycating agents. Bioorganic and Medicinal Chemistry, 2009, 17, 2447-2451.	3.0	45
130	Protein glycation inhibitory activities ofLawsonia inermisand its active principles. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 257-261.	5.2	45
131	Molecular modeling-based antioxidant arylidene barbiturates as urease inhibitors. Journal of Molecular Graphics and Modelling, 2011, 30, 153-156.	2.4	45
132	Studies on Î±-glucosidase inhibition and anti-glycation potential of Iris loczyi and Iris unguicularis. Life Sciences, 2013, 92, 187-192.	4.3	45
133	New Inhibitors of ROS Generation and T-Cell Proliferation from Myrtus communis. Organic Letters, 2013, 15, 1862-1865.	4.6	45
134	Structural insights into Cas13b-guided CRISPR RNA maturation and recognition. Cell Research, 2018, 28, 1198-1201.	12.0	45
135	Alkaloids from Rhazya stricta. Phytochemistry, 1991, 30, 1285-1293.	2.9	44
136	Three withanolides from Withania coagulans. Phytochemistry, 1999, 52, 1361-1364.	2.9	44
137	.ALPHA.-Glucosidase Inhibitory Constituents from Cuscuta reflexa.. Chemical and Pharmaceutical Bulletin, 2002, 50, 112-114.	1.3	44
138	Isolation and cholinesterase-inhibition studies of sterols from Haloxylon recurvum. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 573-580.	2.2	44
139	New natural cholinesterase inhibiting and calcium channel blocking quinoline alkaloids. Journal of Enzyme Inhibition and Medicinal Chemistry, 2006, 21, 703-710.	5.2	44
140	Synthesis and enzyme inhibitory activities of some new pyrazole-based heterocyclic compounds. Medicinal Chemistry Research, 2012, 21, 2772-2778.	2.4	44
141	Biologically active C-alkylated flavonoids from Dodonaea viscosa. Archives of Pharmacal Research, 2012, 35, 431-436.	6.3	44
142	Zwitterionic pyrimidinium adducts as antioxidants with therapeutic potential as nitric oxide scavenger. European Journal of Medicinal Chemistry, 2014, 84, 146-154.	5.5	44
143	Catalytic asymmetric synthesis of indole derivatives as novel Î±-glucosidase inhibitors in vitro. Bioorganic Chemistry, 2018, 79, 350-354.	4.1	44
144	Chromodorolide A, a rearranged diterpene with a new carbon skeleton from the Indian Ocean nudibranch Chromodoris cavae. Journal of the American Chemical Society, 1989, 111, 2712-2713.	13.7	43

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145	Four New Flavones and a New Isoflavone fromIris bungei. Journal of Natural Products, 2001, 64, 857-860.	3.0	43
146	Synthesis and Biological Screening of 2-Substituted 5,6-Dihydro-5-oxo-4H-1,3,4-oxadiazine-4-propanenitriles and of Their Intermediates. Helvetica Chimica Acta, 2002, 85, 559-570.	1.6	43
147	New Triterpenoid Alkaloid Cholinesterase Inhibitors fromBuxushyrcana. Journal of Natural Products, 2003, 66, 739-742.	3.0	43
148	Antileishmanial Physalins fromPhysalis minima. Chemistry and Biodiversity, 2005, 2, 1164-1173.	2.1	43
149	Isolation and Enzyme-Inhibition Studies of the Chemical Constituents fromAjuga bracteosa. Chemistry and Biodiversity, 2007, 4, 72-83.	2.1	43
150	Syntheses, Urease Inhibition, and Antimicrobial Studies of Some Chiral 3-Substituted-4-amino-5-thioxo-1H,4H-1,2,4-triazoles. Medicinal Chemistry, 2008, 4, 539-543.	1.5	43
151	Isolation and immunomodulatory properties of a flavonoid, casticin from Vitex agnusâ€castus. Phytotherapy Research, 2009, 23, 1516-1520.	5.8	43
152	A new type of metal chelate affinity chromatography using trivalent lanthanide ions for phosphopeptide enrichment. Analyst, The, 2013, 138, 2995.	3.5	43
153	Synthesis and structureâ€“activity relationship of thiobarbituric acid derivatives as potent inhibitors of urease. Bioorganic and Medicinal Chemistry, 2014, 22, 4119-4123.	3.0	43
154	Antibacterial activity and cytotoxicity of flavonoids compounds isolated from Pseudarthria hookeri Wight & Arn. (Fabaceae). South African Journal of Botany, 2018, 114, 100-103.	2.5	43
155	Synthesis and Urease Inhibitory Properties of Some New N4-Substituted 5-Nitroisatin-3-thiosemicarbazones. Letters in Drug Design and Discovery, 2010, 7, 102-108.	0.7	43
156	Antibacterial Steroidal Alkaloids fromSarcococcasaligna. Journal of Natural Products, 1998, 61, 202-206.	3.0	42
157	New isoflavones from Ceiba pentandra. Phytochemistry, 2000, 54, 107-110.	2.9	42
158	Pregnane-Type Steroidal Alkaloids ofSarcococca saligna: a New Class of Cholinesterase Inhibitors. Helvetica Chimica Acta, 2002, 85, 678-688.	1.6	42
159	Microbial Transformation of Sesquiterpenes, (?)-Ambroxï¿½ and (+)-Sclareolide. Helvetica Chimica Acta, 2004, 87, 2685-2694.	1.6	42
160	Synthesis and inhibitory potential towards acetylcholinesterase, butyrylcholinesterase and lipoxygenase of some variably substituted chalcones. Journal of Enzyme Inhibition and Medicinal Chemistry, 2005, 20, 41-47.	5.2	42
161	Presence of calcium antagonist activity explains the use ofSyzygium samarangense in diarrhoea. Phytotherapy Research, 2006, 20, 49-52.	5.8	42
162	Synthesis, Spectroscopy, and Biological Properties of Vanadium(IV)â€“Hydrazide Complexes. Chemistry and Biodiversity, 2008, 5, 82-92.	2.1	42

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163	Anti-plasmodial and Cholinesterase Inhibiting Activities of some Constituents of Psorospermum glaberrimum. Chemical and Pharmaceutical Bulletin, 2008, 56, 222-226.	1.3	42
164	Identification of potent urease inhibitors via ligand- and structure-based virtual screening and in vitro assays. Journal of Molecular Graphics and Modelling, 2010, 28, 792-798.	2.4	42
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