Ä°lhami GÃ¼lÃ§in

List of Publications by Year
in descending order

428 papers	36,847 citations	1530 106 h-index	4978 167 g-index
430 all docs	430 docs citations	430 times ranked	21181 citing authors

#	Article	IF	Citations
1	Antioxidant and radical scavenging properties of curcumin. Chemico-Biological Interactions, 2008, 174, 27-37.	1.7	1,410
2	Antioxidant activity of food constituents: an overview. Archives of Toxicology, 2012, 86, 345-391.	1.9	1,198
3	Antioxidants and antioxidant methods: an updated overview. Archives of Toxicology, 2020, 94, 651-715.	1.9	949
4	Antioxidant activity of caffeic acid (3,4-dihydroxycinnamic acid). Toxicology, 2006, 217, 213-220.	2.0	875
5	Antioxidant and antiradical activities of l-carnitine. Life Sciences, 2006, 78, 803-811.	2.0	773
6	Determination of in vitro antioxidant activity of fennel (Foeniculum vulgare) seed extracts. LWT - Food Science and Technology, 2003, 36, 263-271.	2.5	685
7	Radical scavenging and antioxidant activity of tannic acid. Arabian Journal of Chemistry, 2010, 3, 43-53.	2.3	657
8	Antioxidant properties of resveratrol: A structureâ€“activity insight. Innovative Food Science and Emerging Technologies, 2010, 11, 210-218.	2.7	647
9	Antioxidant, antimicrobial, antiulcer and analgesic activities of nettle (Urtica dioica L.). Journal of Ethnopharmacology, 2004, 90, 205-215.	2.0	619
10	Screening of antioxidant and antimicrobial activities of anise (Pimpinella anisum L.) seed extracts. Food Chemistry, 2003, 83, 371-382.	4.2	599
11	Determination of antioxidant activity of lichen Cetraria islandica (L) Ach. Journal of Ethnopharmacology, 2002, 79, 325-329.	2.0	373
12	Comparison of antioxidant activity of clove (Eugenia caryophylata Thunb) buds and lavender (Lavandula stoechas L.). Food Chemistry, 2004, 87, 393-400.	4.2	365
13	Antioxidant Activity of Eugenol: A Structureâ€“Activity Relationship Study. Journal of Medicinal Food, 2011, 14, 975-985.	0.8	335
14	Polyphenol contents and antioxidant activity of lyophilized aqueous extract of propolis from Erzurum, Turkey. Food and Chemical Toxicology, 2010, 48, 2227-2238.	1.8	331
15	Antioxidant activity of clove oil â€“ A powerful antioxidant source. Arabian Journal of Chemistry, 2012, 5, 489-499.	2.3	312
16	Comparison of in vitro antioxidant and antiradical activities of L-tyrosine and L-Dopa. Amino Acids, 2007, 32, 431-438.	1.2	289
17	Polyphenol contents and in vitro antioxidant activities of lyophilised aqueous extract of kiwifruit (Actinidia deliciosa). Food Research International, 2011, 44, 1482-1489.	2.9	277
18	Determination of in Vitro Antioxidant and Radical Scavenging Activities of Propofol. Chemical and Pharmaceutical Bulletin, 2005, 53, 281-285.	0.6	269

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19	Determination of antioxidant and radical scavenging activity of Basil (Ocimum basilicum L. Family) Tj ETQq1 1 0.784314 rgBT /Overlock	2.8	262
20	The antioxidant and radical scavenging activities of black pepper (Piper nigrum) seeds. International Journal of Food Sciences and Nutrition, 2005, 56, 491-499.	1.3	246
21	Antioxidant activity of l-adrenaline: A structureâ€“activity insight. Chemico-Biological Interactions, 2009, 179, 71-80.	1.7	228
22	LCâ€“MS/MS analysis, antioxidant and anticholinergic properties of galanga (Alpinia officinarum Hance) rhizomes. Industrial Crops and Products, 2015, 74, 712-721.	2.5	219
23	Carbonic anhydrase inhibitors. Inhibition of human erythrocyte isozymes I and II with a series of antioxidant phenols. Bioorganic and Medicinal Chemistry, 2009, 17, 3207-3211.	1.4	207
24	Carbonic anhydrase inhibitors. Inhibition of mammalian isoforms Iâ€“XIV with a series of natural product polyphenols and phenolic acids. Bioorganic and Medicinal Chemistry, 2010, 18, 2159-2164.	1.4	204
25	Antioxidant and anticholinergic properties of olivetol. Journal of Food Biochemistry, 2018, 42, e12516.	1.2	197
26	Antioxidant activity and phenolic compounds of ginger (Zingiber officinale Rosc.) determined by HPLC-MS/MS. Journal of Food Measurement and Characterization, 2017, 11, 556-566.	1.6	196
27	In vitroantioxidant properties of dantrolene sodium. Pharmacological Research, 2001, 44, 491-494.	3.1	193
28	On the in vitro antioxidative properties of melatonin. Journal of Pineal Research, 2002, 33, 167-171.	3.4	191
29	Antioxidant activity of taxifolin: an activityâ€“structure relationship. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 674-683.	2.5	191
30	Antiradical and antioxidant activity of total anthocyanins from Perilla pankinensis decne. Journal of Ethnopharmacology, 2005, 101, 287-293.	2.0	189
31	Antioxidant and analgesic activities of turpentine of Pinus nigra Arn. subsp. pallsiana (Lamb.) Holmboe. Journal of Ethnopharmacology, 2003, 86, 51-58.	2.0	187
32	Synthesis and Carbonic Anhydrase Isoenzymes I, II, IX, and XII Inhibitory Effects of Dimethoxybromophenol Derivatives Incorporating Cyclopropane Moieties. Journal of Medicinal Chemistry, 2015, 58, 640-650.	2.9	187
33	Antioxidant activity and polyphenol content of cherry stem (Cerasus avium L.) determined by LCâ€“MS/MS. Food Research International, 2013, 51, 66-74.	2.9	186
34	Antidiabetic and antiparasitic potentials: Inhibition effects of some natural antioxidant compounds on Î±-glycosidase, Î±-amylase and human glutathione S-transferase enzymes. International Journal of Biological Macromolecules, 2018, 119, 741-746.	3.6	179
35	Antioxidant and acetylcholinesterase inhibition properties of novel bromophenol derivatives. Bioorganic Chemistry, 2015, 60, 49-57.	2.0	177
36	Rosmarinic acid inhibits some metabolic enzymes including glutathioneS-transferase, lactoperoxidase, acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase isoenzymes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1698-1702.	2.5	173

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37	Antioxidant and Antiradical Properties of Selected Flavonoids and Phenolic Compounds. Biochemistry Research International, 2017, 2017, 1-10.	1.5	173
38	Caffeic acid phenethyl ester (CAPE): correlation of structure and antioxidant properties. International Journal of Food Sciences and Nutrition, 2011, 62, 821-825.	1.3	171
39	In Vitro Inhibition of Human Carbonic Anhydrase I and II Isozymes with Natural Phenolic Compounds. Chemical Biology and Drug Design, 2011, 77, 494-499.	1.5	170
40	In vitro inhibition of Î±-carbonic anhydrase isozymes by some phenolic compounds. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4259-4262.	1.0	170
41	Diarylmethanon, bromophenol and diarylmethane compounds: Discovery of potent aldose reductase, Î±-amylase and Î±-glycosidase inhibitors as new therapeutic approach in diabetes and functional hyperglycemia. International Journal of Biological Macromolecules, 2018, 119, 857-863.	3.6	169
42	In vitroantioxidant activity of silymarin. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 395-405.	2.5	166
43	Screening the in vitro antioxidant, antimicrobial, anticholinesterase, antidiabetic activities of endemic Achillea cucullata (Asteraceae) ethanol extract. South African Journal of Botany, 2019, 120, 141-145.	1.2	163
44	Metal chelating and hydrogen peroxide scavenging effects of melatonin. Journal of Pineal Research, 2003, 34, 278-281.	3.4	162
45	Discovery of sulfadrugâ€“pyrrole conjugates as carbonic anhydrase and acetylcholinesterase inhibitors. Archiv Der Pharmazie, 2022, 355, e2100242.	2.1	156
46	Synthesis, biological evaluation and molecular docking of novel pyrazole derivatives as potent carbonic anhydrase and acetylcholinesterase inhibitors. Bioorganic Chemistry, 2019, 86, 420-427.	2.0	153
47	Synthesis, Antioxidant, and Antiacetylcholinesterase Activities of Sulfonamide Derivatives of Dopamineâ€<scp>R</scp>elated Compounds. Archiv Der Pharmazie, 2013, 346, 783-792.	2.1	152
48	Carbonic anhydrase inhibitors. Antioxidant polyphenols effectively inhibit mammalian isoforms Iâ€“XV. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5050-5053.	1.0	151
49	Antioxidant activity of 5,10-dihydroindeno[1,2-b]indoles containing substituents on dihydroindeno part. Bioorganic and Medicinal Chemistry, 2009, 17, 6583-6589.	1.4	147
50	Antioxidant and Radical Scavenging Activity of Aerial Parts and Roots of Turkish Liquorice (Glycyrrhiza Glabra L.). International Journal of Food Properties, 2010, 13, 657-671.	1.3	147
51	Anticholinergic and antioxidant activities of usnic acid-an activity-structure insight. Toxicology Reports, 2019, 6, 1273-1280.	1.6	146
52	In vitro antioxidant properties of morphine. Pharmacological Research, 2004, 49, 59-66.	3.1	145
53	Pomological Features, Nutritional Quality, Polyphenol Content Analysis, and Antioxidant Properties of Domesticated and 3 Wild Ecotype Forms of Raspberries (Rubus idaeusâ€,L.). Journal of Food Science, 2011, 76, C585-93.	1.5	145
54	Synthesis and biological evaluation of novel tris-chalcones as potent carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and Î±-glycosidase inhibitors. Bioorganic Chemistry, 2019, 85, 191-197.	2.0	145

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55	N-Acylsulfonamides strongly inhibit human carbonic anhydrase isoenzymes I and II. Bioorganic and Medicinal Chemistry, 2015, 23, 2598-2605.	1.4	142
56	The effect of caffeic acid phenethyl ester (CAPE) on metabolic enzymes including acetylcholinesterase, butyrylcholinesterase, glutathione S-transferase, lactoperoxidase, and carbonic anhydrase isoenzymes I, II, IX, and XII. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1095-1101.	2.5	142
57	Antioxidant Activity of Saponins Isolated from Ivy: Î±-Hederin, Hederasaponin-C, Hederacolchiside-E and Hederacolchiside-F. Planta Medica, 2004, 70, 561-563.	0.7	137
58	Antioxidant activity of lignans from fringe tree (Chionanthus virginicus L.). European Food Research and Technology, 2006, 223, 759-767.	1.6	137
59	Discovery of potent carbonic anhydrase and acetylcholine esterase inhibitors: Novel sulfamoylcarbamates and sulfamides derived from acetophenones. Bioorganic and Medicinal Chemistry, 2015, 23, 3592-3602.	1.4	137
60	One-step purification of lactoperoxidase from bovine milk by affinity chromatography. Food Chemistry, 2013, 136, 864-870.	4.2	136
61	Capsaicin: A Potent Inhibitor of Carbonic Anhydrase Isoenzymes. Molecules, 2014, 19, 10103-10114.	1.7	136
62	Carbonic Anhydrase Inhibitors: Inhibition of Human Erythrocyte Isozymes I and II with a Series of Phenolic Acids. Chemical Biology and Drug Design, 2010, 75, 515-520.	1.5	134
63	Antioxidant, Antimicrobial, Antifungal, and Antiradical Activities ofCyclotrichium Niveum(BOISS.) Manden and Scheng. International Journal of Food Properties, 2008, 11, 450-471.	1.3	133
64	Antioxidant, antiradical, and anticholinergic properties of cynarin purified from the Illyrian thistle (Onopordum illyricum L.). Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 266-275.	2.5	133
65	Rosmarinic acid: a potent carbonic anhydrase isoenzymes inhibitor. Turkish Journal of Chemistry, 2014, 38, 894-902.	0.5	132
66	Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties. Bioorganic Chemistry, 2019, 91, 103134.	2.0	132
67	Screening of antiradical and antioxidant activity of monodesmosides and crude extract from Leontice smirnowii tuber. Phytomedicine, 2006, 13, 343-351.	2.3	131
68	Acetylcholinesterase and carbonic anhydrase inhibitory properties of novel urea and sulfamide derivatives incorporating dopaminergic 2-aminotetralin scaffolds. Bioorganic and Medicinal Chemistry, 2016, 24, 2318-2329.	1.4	131
69	Purification and characterization of the carbonic anhydrase enzyme from Black Sea trout (Salmo) Tj ETQq1 1 0.784314 rgBT /Overloc Environmental Toxicology and Pharmacology, 2016, 44, 134-139.	2.0	130
70	The impact of some natural phenolic compounds on carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase, and Î±â€glycosidase enzymes: An antidiabetic, anticholinergic, and antiepileptic study. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21995.	1.4	130
71	A Study on the In Vitro Antioxidant Activity of Juniper (Juniperus communisL.) Fruit Extracts. Analytical Letters, 2006, 39, 47-65.	1.0	129
72	Synthesis of chalcone-imide derivatives and investigation of their anticancer and antimicrobial activities, carbonic anhydrase and acetylcholinesterase enzymes inhibition profiles. Archives of Physiology and Biochemistry, 2018, 124, 61-68.	1.0	129

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73	Phytochemical content, antioxidant activity, and enzyme inhibition effect ofSalvia eriophoraBoiss. & Kotschy against acetylcholinesterase, Î±-amylase, butyrylcholinesterase, and Î±-glycosidase enzymes. Journal of Food Biochemistry, 2019, 43, e12776.	1.2	128
74	The first synthesis, carbonic anhydrase inhibition and anticholinergic activities of some bromophenol derivatives with S including natural products. Bioorganic Chemistry, 2019, 85, 128-139.	2.0	127
75	Antioxidant Activity, Acetylcholinesterase, and Carbonic Anhydrase Inhibitory Properties of Novel Ureas Derived from Phenethylamines. Archiv Der Pharmazie, 2016, 349, 944-954.	2.1	125
76	Synthesis of 4,5-disubstituted-2-thioxo-1,2,3,4-tetrahydropyrimidines and investigation of their acetylcholinesterase, butyrylcholinesterase, carbonic anhydrase I/II inhibitory and antioxidant activities. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1-9.	2.5	125
77	Synthesis of diaryl ethers with acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase inhibitory actions. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 79-85.	2.5	125
78	Inhibitory effects of isatin Mannich bases on carbonic anhydrases, acetylcholinesterase, and butyrylcholinesterase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1498-1501.	2.5	125
79	The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach. Journal of Food Biochemistry, 2019, 43, e12720.	1.2	125
80	Synthesis, characterization, inhibition effects, and molecular docking studies as acetylcholinesterase, Î±-glycosidase, and carbonic anhydrase inhibitors of novel benzenesulfonamides incorporating 1,3,5-triazine structural motifs. Bioorganic Chemistry, 2020, 100, 103897.	2.0	125
81	Antioxidant activity and polyphenol content of Turkish thyme (Thymus vulgaris) monitored by liquid chromatography and tandem mass spectrometry. International Journal of Food Properties, 2017, 20, 514-525.	1.3	123
82	Antioxidant activity of bisbenzylisoquinoline alkaloids from Stephania rotunda: cepharanthine and fangchinoline. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 44-53.	2.5	122
83	Carbonic anhydrase inhibitors: guaiacol and catechol derivatives effectively inhibit certain human carbonic anhydrase isoenzymes (hCA I, II, IX and XII). Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 586-591.	2.5	121
84	Novel antioxidant bromophenols with acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase inhibitory actions. Bioorganic Chemistry, 2017, 74, 104-114.	2.0	121
85	2-Hydroxyethyl substituted NHC precursors: Synthesis, characterization, crystal structure and carbonic anhydrase, Î±-glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties. Journal of Molecular Structure, 2018, 1155, 797-806.	1.8	121
86	Morphine Inhibits Erythrocyte Carbonic Anhydrase in Vitro and in Vivo. Biological and Pharmaceutical Bulletin, 2007, 30, 2257-2261.	0.6	120
87	Measurement of antioxidant ability of melatonin and serotonin by the DMPD and CUPRAC methods as trolox equivalent. Journal of Enzyme Inhibition and Medicinal Chemistry, 2008, 23, 871-876.	2.5	120
88	Synthesis and carbonic anhydrase inhibitory properties of sulfamides structurally related to dopamine. Bioorganic and Medicinal Chemistry, 2013, 21, 2925-2931.	1.4	120
89	Novel Sulphamides and Sulphonamides Incorporating the Tetralin Scaffold as Carbonic Anhydrase and Acetylcholine Esterase Inhibitors. Archiv Der Pharmazie, 2014, 347, 68-76.	2.1	120
90	The first synthesis of 4-phenylbutenone derivative bromophenols including natural products and their inhibition profiles for carbonic anhydrase, acetylcholinesterase and butyrylcholinesterase enzymes. Bioorganic Chemistry, 2017, 72, 359-366.	2.0	118

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91	The antioxidant activity of a triterpenoid glycoside isolated from the berries ofHedera colchica: 3-O-(Î²-d-glucopyranosyl)-hederagenin. Phytotherapy Research, 2006, 20, 130-134.	2.8	117
92	Antioxidant secoiridoids from fringe tree (Chionanthus virginicus L.). Wood Science and Technology, 2009, 43, 195-212.	1.4	117
93	(3,4-Dihydroxyphenyl)(2,3,4-trihydroxyphenyl)methanone and its derivatives as carbonic anhydrase isoenzymes inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 402-406.	2.5	117
94	Synthesis, characterization, crystal structure, electrochemical studies and biological evaluation of metal complexes with thiosemicarbazone of glyoxylic acid. Polyhedron, 2018, 155, 25-33.	1.0	117
95	Investigation of inhibitory properties of some hydrazone compounds on hCA I, hCA II and AChE enzymes. Bioorganic Chemistry, 2019, 86, 316-321.	2.0	117
96	Carbonic anhydrase and acetylcholinesterase inhibitory effects of carbamates and sulfamoylcarbamates. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 316-320.	2.5	116
97	Synthesis, molecular modeling, and biological evaluation of 4â€[5â€arylâ€3â€(thiophenâ€2â€yl)â€4,5â€dihydroâ€1‹i›H‹/i›â€pyrazolâ€1â€yl] benzenesulfonamides toward acetylcholinesterase, carbonic anhydrase I and ‹scp›II‹/scp› enzymes. Chemical Biology and Drug Design, 2018, 91, 854-866.	1.5	116
98	Novel sulfamides as potential carbonic anhydrase isoenzymes inhibitors. Bioorganic and Medicinal Chemistry, 2013, 21, 1379-1385.	1.4	115
99	Purification and characterization of polyphenol oxidase from nettle (Urtica dioicaL.) and inhibitory effects of some chemicals on enzyme activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2005, 20, 297-302.	2.5	114
100	Carbonic anhydrase inhibitory properties of novel benzylsulfamides using molecular modeling and experimental studies. Bioorganic Chemistry, 2014, 56, 75-82.	2.0	113
101	Synthesis and bioactivity studies on new 4-(3-(4-Substitutedphenyl)-3a,4-dihydro-3‹i›H‹/i›-indeno[1,2-c]pyrazol-2-yl) benzenesulfonamides. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1619-1624.	2.5	113
102	Synephrine and phenylephrine act as Î±â€amylase, Î±â€glycosidase, acetylcholinesterase, butyrylcholinesterase, and carbonic anhydrase enzymes inhibitors. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21973.	1.4	111
103	Novel thymol bearing oxypropanolamine derivatives as potent some metabolic enzyme inhibitors â€“ Their antidiabetic, anticholinergic and antibacterial potentials. Bioorganic Chemistry, 2018, 81, 119-126.	2.0	111
104	Sildenafil is a strong activator of mammalian carbonic anhydrase isoforms Iâ€“XIV. Bioorganic and Medicinal Chemistry, 2009, 17, 5791-5795.	1.4	110
105	Carbonic anhydrase inhibitory properties of novel sulfonamide derivatives of aminoindanes and aminotetralins. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 35-42.	2.5	110
106	Oxidation of cyanobenzocycloheptatrienes: Synthesis, photooxygenation reaction and carbonic anhydrase isoenzymes inhibition properties of some new benzotropone derivatives. Bioorganic and Medicinal Chemistry, 2014, 22, 3537-3543.	1.4	110
107	Synthesis, characterization, crystal structure of novel bis-thiomethylcyclohexanone derivatives and their inhibitory properties against some metabolic enzymes. Bioorganic Chemistry, 2019, 82, 393-404.	2.0	110
108	Metal Ions, Metal Chelators and Metal Chelating Assay as Antioxidant Method. Processes, 2022, 10, 132.	1.3	110

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109	In Vitro and in Vivo Effects of Dantrolene on Carbonic Anhydrase Enzyme Activities. Biological and Pharmaceutical Bulletin, 2004, 27, 613-616.	0.6	109
110	Synthesis and antioxidant properties of diphenylmethane derivative bromophenols including a natural product. Journal of Enzyme Inhibition and Medicinal Chemistry, 2010, 25, 685-695.	2.5	109
111	Synthesis and bioactivities of pyrazoline benzensulfonamides as carbonic anhydrase and acetylcholinesterase inhibitors with low cytotoxicity. Bioorganic Chemistry, 2019, 84, 511-517.	2.0	108
112	Effects of Melatonin on Carbonic Anhydrase from Human Erythrocytes In Vitro and from Rat Erythrocytes In Vivo. Journal of Enzyme Inhibition and Medicinal Chemistry, 2004, 19, 193-197.	2.5	107
113	Antidiabetic potential: in vitro inhibition effects of some natural phenolic compounds on Î±â€glycosidase and Î±â€amylase enzymes. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21956.	1.4	106
114	Sulfonamide inhibitors: a patent review 2013-present. Expert Opinion on Therapeutic Patents, 2018, 28, 541-549.	2.4	105
115	Antioxidant Activity of Two Wild Edible Mushrooms (Morchella vulgaris and Morchella esculanta) from North Turkey. Combinatorial Chemistry and High Throughput Screening, 2006, 9, 443-448.	0.6	104
116	Effects of low molecular weight plasma inhibitors of rainbow trout (Oncorhynchus mykiss) on human erythrocyte carbonic anhydrase-II isozyme activity in vitro and rat erythrocytes in vivo. Journal of Enzyme Inhibition and Medicinal Chemistry, 2005, 20, 35-39.	2.5	103
117	Purification and Characterization of Peroxidase from Cauliflower (Brassica oleracea L. var. botrytis) Buds. Protein and Peptide Letters, 2008, 15, 320-326.	0.4	103
118	Synthesis of some tetrahydropyrimidine-5-carboxylates, determination of their metal chelating effects and inhibition profiles against acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1531-1539.	2.5	101
119	The antidiabetic and anticholinergic effects of chrysin on cyclophosphamideâ€induced multiple organ toxicity in rats: Pharmacological evaluation of some metabolic enzyme activities. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22313.	1.4	101
120	Novel eugenol derivatives: Potent acetylcholinesterase and carbonic anhydrase inhibitors. International Journal of Biological Macromolecules, 2017, 94, 845-851.	3.6	100
121	Beneficial effects ofFoeniculum vulgareon ethanol-induced acute gastric mucosal injury in rats. World Journal of Gastroenterology, 2007, 13, 607.	1.4	99
122	Synthesis and Antioxidant Properties of (3,4â€Dihydroxyphenyl)(2,3,4â€trihydroxyphenyl)methanone and Its Derivatives. Archiv Der Pharmazie, 2012, 345, 323-334.	2.1	99
123	Antioxidant capacity and functionality of oleaster (<scp>E</scp>laeagnus angustifolia L.) flour and crust in a new kind of fruity ice cream. International Journal of Food Science and Technology, 2015, 50, 472-481.	1.3	97
124	The effect of ethanol on erythrocyte carbonic anhydrase isoenzymes activity: An in vitro and in vivo study. Journal of Enzyme Inhibition and Medicinal Chemistry, 2008, 23, 266-270.	2.5	96
125	The impact of hydroquinone on acetylcholine esterase and certain human carbonic anhydrase isoenzymes (hCA I, II, IX, and XII). Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 941-946.	2.5	96
126	Therapeutic effects of silymarin and naringin on methotrexate-induced nephrotoxicity in rats: Biochemical evaluation of anti-inflammatory, antiapoptotic, and antiautophagic properties. Journal of Food Biochemistry, 2017, 41, e12398.	1.2	96

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127	Synthesis, carbonic anhydrase I and II inhibition studies of the 1,3,5-trisubstituted-pyrazolines. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 189-192.	2.5	93
128	The synthesis of some Î²-lactams and investigation of their metal-chelating activity, carbonic anhydrase and acetylcholinesterase inhibition profiles. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 79-88.	2.5	92
129	Acetylcholinesterase and carbonic anhydrase isoenzymes I and II inhibition profiles of taxifolin. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1-7.	2.5	91
130	The human carbonic anhydrase isoenzymes I and II (hCA I and II) inhibition effects of trimethoxyindane derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 152-157.	2.5	90
131	The effects of some bromophenols on human carbonic anhydrase isoenzymes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 603-607.	2.5	90
132	Synthesis, characterization, anticancer, antimicrobial and carbonic anhydrase inhibition profiles of novel (3a R ,4 S ,7 R ,7a S)-2-(4-((E)-3-(3-aryl)acryloyl)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (phenyl)-3a,4,7,7a-tetrahydro-1H-4 2017, 70, 118-125.	2.0	89
133	Antidiabetic potential: In vitro inhibition effects of bromophenol and diarylmethanones derivatives on metabolic enzymes. Archiv Der Pharmazie, 2018, 351, e1800263.	2.1	89
134	Anticholinergic, antidiabetic and antioxidant activities of cinnamon (cinnamomum verum) bark extracts: polyphenol contents analysis by LC-MS/MS. International Journal of Food Properties, 2019, 22, 1511-1526.	1.3	85
135	Imidazolinium chloride salts bearing wingtip groups: Synthesis, molecular docking and metabolic enzymes inhibition. Journal of Molecular Structure, 2019, 1179, 709-718.	1.8	84
136	Anticholinergic, antidiabetic and antioxidant activities of Anatolian pennyroyal (Mentha) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (p Biotechnology, 2020, 23, 101441.	1.5	84
137	Synthesis and Carbonic Anhydrase Inhibitory Effects of Novel Sulfamides Derived from 1â€Aminoindanes and Anilines. Archiv Der Pharmazie, 2014, 347, 950-957.	2.1	83
138	Novel eugenol bearing oxypropanolamines: Synthesis, characterization, antibacterial, antidiabetic, and anticholinergic potentials. Bioorganic Chemistry, 2019, 88, 102931.	2.0	83
139	Anti-Alzheimer, antidiabetic and antioxidant potential of Satureja cuneifolia and analysis of its phenolic contents by LC-MS/MS. Arabian Journal of Chemistry, 2020, 13, 4528-4537.	2.3	83
140	Oxidative stress and mRNA expression of acetylcholinesterase in the leukocytes of ischemic patients. Biomedicine and Pharmacotherapy, 2017, 87, 561-567.	2.5	81
141	Synthesis of some novel pyridine compounds containing bisâ€1,2,4â€triazole/thiosemicarbazide moiety and investigation of their antioxidant properties, carbonic anhydrase, and acetylcholinesterase enzymes inhibition profiles. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22006.	1.4	81
142	RP-HPLC/MS/MS Analysis of the Phenolic Compounds, Antioxidant and Antimicrobial Activities of Salvia L. Species. Antioxidants, 2016, 5, 38.	2.2	80
143	The Protective Effects of p-Coumaric Acid on Acute Liver and Kidney Damages Induced by Cisplatin. Biomedicines, 2017, 5, 18.	1.4	80
144	Chrysin Protects Rat Kidney from Paracetamol-Induced Oxidative Stress, Inflammation, Apoptosis, and Autophagy: A Multi-Biomarker Approach. Scientia Pharmaceutica, 2017, 85, 4.	0.7	79

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