

Leyla Polat KÃ¶se

List of Publications by Year in descending order

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papers

896
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567281

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times ranked

885
citing authors

#	ARTICLE	IF	CITATIONS
1	LC-MS/MS analysis, antioxidant and anticholinergic properties of galanga (<i>Alpinia officinarum</i> Hance) rhizomes. <i>Industrial Crops and Products</i> , 2015, 74, 712-721.	5.2	219
2	Antioxidant, antiradical, and anticholinergic properties of cynarin purified from the Illyrian thistle (<i>Onopordum illyricum</i> L.). <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 266-275.	5.2	133
3	Acetylcholinesterase and carbonic anhydrase inhibitory properties of novel urea and sulfamide derivatives incorporating dopaminergic 2-aminotetralin scaffolds. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 2318-2329.	3.0	131
4	The effects of some avermectins on bovine carbonic anhydrase enzyme. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 773-778.	5.2	47
5	Antidiabetic, anticholinergic and antioxidant activities of aerial parts of shaggy bindweed (<i>Convolvulus betonicifolia</i> Miller subsp.) - profiling of phenolic compounds by LC-HRMS. <i>Heliyon</i> , 2021, 7, e06986.	3.2	44
6	Inhibition Effects of Some Lignans on Carbonic Anhydrase, Acetylcholinesterase and Butyrylcholinesterase Enzymes Leyla Polat KÄŦse and A°lhami GÄŦlÄŦsin. <i>Records of Natural Products</i> , 2017, , 558-561.	1.3	41
7	Synthesis and inhibitory properties of some carbamates on carbonic anhydrase and acetylcholine esterase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1484-1491.	5.2	39
8	Screening of Carbonic Anhydrase, Acetylcholinesterase, Butyrylcholinesterase, and Î±-Glycosidase Enzyme Inhibition Effects and Antioxidant Activity of Coumestrol. <i>Molecules</i> , 2022, 27, 3091.	3.8	37
9	Anticholinergic and antioxidant activities of avocado (<i>Folium perseae</i>) leaves - phytochemical content by LC-MS/MS analysis. <i>International Journal of Food Properties</i> , 2020, 23, 878-893.	3.0	36
10	LC-HRMS Profiling and Antidiabetic, Anticholinergic, and Antioxidant Activities of Aerial Parts of KÄŦnkör (<i>Ferulago stellata</i>). <i>Molecules</i> , 2021, 26, 2469.	3.8	36
11	Evaluation of the Antioxidant and Antiradical Properties of Some Phyto and Mammalian Lignans. <i>Molecules</i> , 2021, 26, 7099.	3.8	32
12	Synthesis and biological evaluation of some 1-naphthol derivatives as antioxidants, acetylcholinesterase, and carbonic anhydrase inhibitors. <i>Archiv Der Pharmazie</i> , 2021, 354, e2100113.	4.1	26
13	Synthesis of N-alkyl (aryl)-tetra pyrimidine thiones and investigation of their human carbonic anhydrase I and II inhibitory effects. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1192-1197.	5.2	20
14	Synthesis of 3-chloro-1-substituted aryl pyrrolidine-2,5-dione derivatives: discovery of potent human carbonic anhydrase inhibitors. <i>Medicinal Chemistry Research</i> , 2017, 26, 1619-1627.	2.4	20
15	The synthesis of (Z)-4-oxo-4-(arylamino)but-2-enoic acids derivatives and determination of their inhibition properties against human carbonic anhydrase I and II isoenzymes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 939-945.	5.2	18
16	The human carbonic anhydrase isoenzymes I and II inhibitory effects of some hydroperoxides, alcohols, and acetates. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1248-1253.	5.2	15
17	Determination of Antioxidant and Antiradical Properties of Corn Silk (<i>Zea mays</i> L.). <i>Journal of the Institute of Science and Technology</i> , 2021, 11, 402-412.	0.9	2