

Cem Yamali

List of Publications by Year in descending order

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32
papers

1,210
citations

448610

19
h-index

511568

30
g-index

32
all docs

32
docs citations

32
times ranked

1097
citing authors

#	ARTICLE	IF	CITATIONS
1	Quinazolinone-based benzenesulfonamides with low toxicity and high affinity as monoamine oxidase-A inhibitors: Synthesis, biological evaluation and induced-fit docking studies. <i>Bioorganic Chemistry</i> , 2022, 124, 105822.	2.0	17
2	Investigation of carbonic anhydrase inhibitory effects and cytotoxicities of pyrazole-based hybrids carrying hydrazone and zinc-binding benzenesulfonamide pharmacophores. <i>Bioorganic Chemistry</i> , 2022, 127, 105969.	2.0	10
3	Phenothiazine-based chalcones as potential dual-target inhibitors toward cholinesterases (AChE, Tj ETQq1 1 0.784314 rgBT /Ove	1.4	15
4	Biological activities of a newly synthesized pyrazoline derivative 4-(3-(4-bromophenyl)-5-(2,4-dimethoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl) benzenesulfonamide (B4) compound on rainbow trout alevins, <i>Oncorhynchus mykiss</i> . <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 17-20.	0.7	2
5	Cytotoxic effects of Mannich bases via induction of caspase-3 pathway on human oral squamous cell carcinoma. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 2021, 8, 187-194.	0.4	2
6	Comprehensive study on potent and selective carbonic anhydrase inhibitors: Synthesis, bioactivities and molecular modelling studies of 4-(3-(2-arylidenehydrazine-1-carbonyl)-5-(thiophen-2-yl)-1H-pyrazole-1-yl) benzenesulfonamides. <i>European Journal of Medicinal Chemistry</i> , 2021, 217, 113351.	2.6	30
7	Exploring of tumor-associated carbonic anhydrase isoenzyme IX and XII inhibitory effects and cytotoxicities of the novel N-aryl-1-(4-sulfamoylphenyl)-5-(thiophen-2-yl)-1H-pyrazole-3-carboxamides. <i>Bioorganic Chemistry</i> , 2021, 115, 105194.	2.0	15
8	Effects of a Novel Benzenesulfonamide 4-(3-(4-Bromophenyl)-5-(2,4-dimethoxyphenyl)-4,5-dihydro-1H-pyrazol-1-yl) on Antioxidant Enzymes and Hematological Parameters of Rainbow Trout (<i>Oncorhynchus mykiss</i>). <i>Pakistan Journal of Zoology</i> , 2021, 53, .	0.1	0
9	Synthesis and bioactivities of 1-(4-hydroxyphenyl)-2-((heteroaryl)thio)ethanones as carbonic anhydrase I, II and acetylcholinesterase inhibitors. <i>Turkish Journal of Chemistry</i> , 2020, 44, 1058-1067.	0.5	20
10	Synthesis, structure elucidation, and in vitro pharmacological evaluation of novel polyfluoro substituted pyrazoline type sulfonamides as multi-target agents for inhibition of acetylcholinesterase and carbonic anhydrase I and II enzymes. <i>Bioorganic Chemistry</i> , 2020, 96, 103627.	2.0	60
11	Aminoalkylated Phenolic Chalcones: Investigation of Biological Effects on Acetylcholinesterase and Carbonic Anhydrase I and II as Potential Lead Enzyme Inhibitors. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 1283-1292.	0.4	35
12	Synthesis, biological evaluation and in silico modelling studies of 1,3,5-trisubstituted pyrazoles carrying benzenesulfonamide as potential anticancer agents and selective cancer-associated hCA IX isoenzyme inhibitors. <i>Bioorganic Chemistry</i> , 2019, 92, 103222.	2.0	34
13	Synthesis and bioactivities of pyrazoline benzensulfonamides as carbonic anhydrase and acetylcholinesterase inhibitors with low cytotoxicity. <i>Bioorganic Chemistry</i> , 2019, 84, 511-517.	2.0	108
14	Curcumin analogue 1,5-bis(4-hydroxy-3-((4-methylpiperazin-1-yl)methyl)phenyl)penta-1,4-dien-3-one mediates growth arrest and apoptosis by targeting the PI3K/AKT/mTOR and PKC-theta signaling pathways in human breast carcinoma cells. <i>Bioorganic Chemistry</i> , 2018, 78, 46-57.	2.0	30
15	New anticancer drug candidates sulfonamides as selective hCA IX or hCA XII inhibitors. <i>Bioorganic Chemistry</i> , 2018, 77, 411-419.	2.0	99
16	Anticancer effects of new dibenzenesulfonamides by inducing apoptosis and autophagy pathways and their carbonic anhydrase inhibitory effects on hCA I, hCA II, hCA IX, hCA XII isoenzymes. <i>Bioorganic Chemistry</i> , 2018, 78, 290-297.	2.0	44
17	Synthesis, molecular modeling, and biological evaluation of 4-{{5-aryl-3-(thiophen-2-yl)-4,5-dihydro-1H-pyrazol-1-yl}} benzenesulfonamides toward acetylcholinesterase, carbonic anhydrase I and <sc>II</sc> enzymes. <i>Chemical Biology and Drug Design</i> . 2018. 91. 854-866.	1.5	116
18	Cytotoxicity, apoptosis, and QSAR studies of phenothiazine derived methoxylated chalcones as anticancer drug candidates. <i>Medicinal Chemistry Research</i> , 2018, 27, 2366-2378.	1.1	18

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19	Microwave-assisted synthesis and bioevaluation of new sulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 369-374.	2.5	44
20	Synthesis and structure elucidation of 1-(2,5/3,5-difluorophenyl)-3-(2,3/2,4/2,5/3,4-dimethoxyphenyl)-2-propen-1-ones as anticancer agents. <i>Medicinal Chemistry Research</i> , 2017, 26, 2015-2023.	1.1	20
21	Designing, synthesis and bioactivities of 4-[3-(4-hydroxyphenyl)-5-aryl-4,5-dihydro-pyrazol-1-yl]benzenesulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 169-175.	2.5	38
22	Synthesis and Cytotoxic Activities of Difluoro-Dimethoxy Chalcones. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1426-1433.	0.9	24
23	Synthesis, cytotoxicity and carbonic anhydrase inhibitory activities of new pyrazolines. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 20-24.	2.5	52
24	Synthesis and bioactivities of halogen bearing phenolic chalcones and their corresponding bis Mannich bases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 125-131.	2.5	51
25	Synthesis of 4-(2-substituted hydrazinyl)benzenesulfonamides and their carbonic anhydrase inhibitory effects. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 568-573.	2.5	58
26	The inhibitory effects of phenolic Mannich bases on carbonic anhydrase I and II isoenzymes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1678-1681.	2.5	36
27	Carbonic anhydrase inhibition and cytotoxicity studies of Mannich base derivatives of thymol. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1375-1380.	2.5	38
28	Inhibitory effects of isatin Mannich bases on carbonic anhydrases, acetylcholinesterase, and butyrylcholinesterase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1498-1501.	2.5	125
29	Synthesis of mono Mannich bases of 2-(4-hydroxybenzylidene)-2,3-dihydroinden-1-one and evaluation of their cytotoxicities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 818-823.	2.5	45
30	Synthesis of some 3(2H)-pyridazinone and 1(2H)-phthalazinone derivatives incorporating aminothiazole moiety and investigation of their antioxidant, acetylcholinesterase, and butyrylcholinesterase inhibitory activities. <i>Medicinal Chemistry Research</i> , 2015, 24, 1210-1217.	1.1	17
31	Synthesis of Some New 3(2H)-Pyridazinone Derivatives and Evaluation of their Analgesic-anti-inflammatory and Antimicrobial Activities. <i>Letters in Drug Design and Discovery</i> , 2013, 10, 507-514.	0.4	7
32	Inhibitory effects of novel benzamide derivatives towards acetylcholinesterase enzyme. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 0, , 429-434.	0.4	0