Cem Yamali

List of Publications by Year
in descending order

32	1,210	393982	454577
papers	citations	19 h-index	30 g-index

32	32	32	967
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Synthesis and bioactivities of pyrazoline benzensulfonamides as carbonic anhydrase and acetylcholinesterase inhibitors with low cytotoxicity. Bioorganic Chemistry, 2019, 84, 511-517.	2.0	108
4	New anticancer drug candidates sulfonamides as selective hCA IX or hCA XII inhibitors. Bioorganic Chemistry, 2018, 77, 411-419.	2.0	99
5	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. Bioorganic Chemistry, 2020, 96, 103627.	2.0	60
6	Synthesis of 4-(2-substituted hydrazinyl)benzenesulfonamides and their carbonic anhydrase inhibitory effects. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 568-573.	2.5	58
7	Synthesis, cytotoxicity and carbonic anhydrase inhibitory activities of new pyrazolines. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 20-24.	2.5	52
8	Synthesis and bioactivities of halogen bearing phenolic chalcones and their corresponding bis Mannich bases. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 125-131.	2.5	51
9	Synthesis of mono Mannich bases of 2-(4-hydroxybenzylidene)-2,3-dihydroinden-1-one and evaluation of their cytotoxicities. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 818-823.	2.5	45
10	Microwave-assisted synthesis and bioevaluation of new sulfonamides. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 369-374.	2.5	44
11	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. Bioorganic Chemistry, 2018, 78, 290-297.	2.0	44
12	Carbonic anhydrase inhibition and cytotoxicity studies of Mannich base derivatives of thymol. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1375-1380.	2.5	38
13	Designing, synthesis and bioactivities of 4-[3-(4-hydroxyphenyl)-5-aryl-4,5-dihydro-pyrazol-1-yl]benzenesulfonamides. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 169-175.	2.5	38
14	The inhibitory effects of phenolic Mannich bases on carbonic anhydrase I and II isoenzymes. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 1678-1681.	2.5	36
15	Aminoalkylated Phenolic Chalcones: Investigation of Biological Effects on Acetylcholinesterase and Carbonic Anhydrase I and II as Potential Lead Enzyme Inhibitors. Letters in Drug Design and Discovery, 2020, 17, 1283-1292.	0.4	35
16	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. Bioorganic Chemistry, 2019, 92, 103222.	2.0	34
17	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. Bioorganic Chemistry, 2018, 78, 46-57.	2.0	30
18	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. European Journal of Medicinal Chemistry, 2021, 217, 113351.	2.6	30

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19	Synthesis and Cytotoxic Activities of Difluoro-Dimethoxy Chalcones. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 1426-1433.	0.9	24
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. Medicinal Chemistry Research, 2017, 26, 2015-2023.	1.1	20
21	Synthesis and bioactivities of 1-(4-hydroxyphenyl)-2-((heteroaryl)thio)ethanones as carbonic anhydrase I, II and acetylcholinesterase inhibitors. Turkish Journal of Chemistry, 2020, 44, 1058-1067.	0.5	20
22	Cytotoxicity, apoptosis, and QSAR studies of phenothiazine derived methoxylated chalcones as anticancer drug candidates. Medicinal Chemistry Research, 2018, 27, 2366-2378.	1.1	18
23	Synthesis of some 3(2H)-pyridazinone and 1(2H)-phthalazinone derivatives incorporating aminothiazole moiety and investigation of their antioxidant, acetylcholinesterase, and butyrylcholinesterase inhibitory activities. Medicinal Chemistry Research, 2015, 24, 1210-1217.	1.1	17
24	Quinazolinone-based benzenesulfonamides with low toxicity and high affinity as monoamine oxidase-A inhibitors: Synthesis, biological evaluation and induced-fit docking studies. Bioorganic Chemistry, 2022, 124, 105822.	2.0	17
25	Phenothiazineâ€based chalcones as potential dualâ€target inhibitors toward cholinesterases (AChE,) Tj ETQq1 1 0.784314 rgBT /Ove	1.4	15
26	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. Bioorganic Chemistry, 2021, 115, 105194.	2.0	15
27	Investigation of carbonic anhydrase inhibitory effects and cytotoxicities of pyrazole-based hybrids carrying hydrazone and zinc-binding benzenesulfonamide pharmacophores. Bioorganic Chemistry, 2022, 127, 105969.	2.0	10
28	Synthesis of Some New 3(2H)-Pyridazinone Derivatives and Evaluation of their Analgesic-anti-inflammatory and Antimicrobial Activities. Letters in Drug Design and Discovery, 2013, 10, 507-514.	0.4	7
29	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, Oncorhynchus mykiss. In Vitro Cellular and Developmental Biology - Animal, 2021, 57, 17-20.	0.7	2
30	Cytotoxic effects of Mannich bases via induction of caspase-3 pathway on human oral squamous cell carcinoma. Journal of the Turkish Chemical Society, Section A: Chemistry, 2021, 8, 187-194.	0.4	2
31	Inhibitory effects of novel benzamide derivatives towards acetylcholinesterase enzyme. Journal of the Turkish Chemical Society, Section A: Chemistry, 0, , 429-434.	0.4	0
32	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 (Oncorhynchus mykiss). Pakistan Journal of Zoology, 2021, 53, .	0.1	0