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	Novel tetrakisâ€“phthalocyanines bearing pyrimidine derivative: crystal XRD analysis, enzyme inhibition, molecular docking, and anticancer effects. Journal of Biomolecular Structure and Dynamics, 2023, 41, 249-262.	2.0	4
2	Unravelling the phenolic compound reserves, antioxidant and enzyme inhibitory activities of an endemic plant species, Achillea pseudoaleppica. Journal of Biomolecular Structure and Dynamics, 2023, 41, 445-456.	2.0	11
3	Synthesis and acetylcholinesterase enzyme inhibitory effects of some novel 4,5-Dihydro-1H-1,2,4-triazol-5-one derivatives; an inÂvitro and in silico study. Journal of Biomolecular Structure and Dynamics, 2023, 41, 4286-4294.	2.0	8
4	Metal contained Phthalocyanines with 3,4-Dimethoxyphenethoxy substituents: their anticancer, antibacterial activities and their inhibitory effects on some metabolic enzymes with molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2022, 40, 2991-3002.	2.0	11
5	Phthalocyanine complexes with (4-isopropylbenzyl)oxy substituents: preparation and evaluation of anti-carbonic anhydrase, anticholinesterase enzymes and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2022, 40, 733-741.	2.0	22
6	Design, synthesis, characterization, biological evaluation, and molecular docking studies of novel 1,2-aminopropanthiols substituted derivatives as selective carbonic anhydrase, acetylcholinesterase and Î±-glycosidase enzymes inhibitors. Journal of Biomolecular Structure and Dynamics, 2022, 40, 236-248.	2.0	32
7	Molecular docking and inhibition profiles of some antibiotics on lactoperoxidase enzyme purified from bovine milk. Journal of Biomolecular Structure and Dynamics, 2022, 40, 401-410.	2.0	5
8	Co and Zn Metal Phthalocyanines with Bulky Substituents: Anticancer, Antibacterial Activities and Their Inhibitory Effects on Some Metabolic Enzymes with Molecular Docking Studies. Polycyclic Aromatic Compounds, 2022, 42, 4475-4486.	1.4	16
9	Novel inhibitors with sulfamethazine backbone: synthesis and biological study of multi-target cholinesterases and Î±-glucosidase inhibitors. Journal of Biomolecular Structure and Dynamics, 2022, 40, 8752-8764.	2.0	54
10	Sivas da YetiÅŸen Endemik Bir Bitki Olan Astragalus Dumanii'nin Antikolinerjik, Antidiyabetik ve Antioksidan Aktivitesinin DeÄŸerlendirilmesi. KahramanmaraÅŞ SÃ¼tÃ§Ã¼ Ä°mam Ãœniversitesi TarÄ±m Ve DoÄŸa Dergisi, 2022, 25, 1-10.	2.2	3
11	New chalcone derivative, ethyl 2-(4-(3-(benzo[b]thiophen-2-yl)acryloyl)phenoxy)acetate: synthesis, characterization, DFT study, enzyme inhibition activities and docking study. Journal of Biomolecular Structure and Dynamics, 2022, 40, 12260-12267.	2.0	0
12	In vitro and in silico enzyme inhibition effects of some metal ions and compounds on glutathione S-transferase enzyme purified from Vaccinium arctostapylous L.. Journal of Biomolecular Structure and Dynamics, 2022, 40, 11587-11593.	2.0	10
13	Biological Activity and Molecular Docking Study of Some Bicyclic Structures: Antidiabetic and Anticholinergic Potentials. Polycyclic Aromatic Compounds, 2022, 42, 6003-6016.	1.4	8
14	Discovery of sulfadrugâ€“pyrrole conjugates as carbonic anhydrase and acetylcholinesterase inhibitors. Archiv Der Pharmazie, 2022, 355, e2100242.	2.1	156
15	Effects of some phenolic compounds on the inhibition of Î±-glycosidase enzyme-immobilized on PluronicÂ®F127 micelles: An in vitro and in silico study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 632, 127839.	2.3	14
16	Some metal chelates with Schiff base ligand: synthesis, structure elucidation, thermal behavior, XRD evaluation, antioxidant activity, enzyme inhibition, and molecular docking studies. Molecular Diversity, 2022, 26, 2459-2472.	2.1	7
17	Synthesis and some enzyme inhibition effects of isoxazoline and pyrazoline derivatives including benzonorbornene unit. Journal of Biochemical and Molecular Toxicology, 2022, 36, e22952.	1.4	5
18	Selenourea and thiourea derivatives of chiral and achiral enetetramines: Synthesis, characterization and enzyme inhibitory properties. Bioorganic Chemistry, 2022, 120, 105566.	2.0	26

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19	Synthesis and inhibition profiles of N-benzyl- and N-allyl aniline derivatives against carbonic anhydrase and acetylcholinesterase â€“ A molecular docking study. Arabian Journal of Chemistry, 2022, 15, 103645.	2.3	69
20	The Possible Useful Effectiveness of Sinapic Acid Sepsis-Induced Secondary Organ Damage in Rats. Clinical and Experimental Health Sciences, 2022, 12, 134-140.	0.1	3
21	Polyphenol Contents, Potential Antioxidant, Anticholinergic and Antidiabetic Properties of Mountain Mint (Cyclotrichium leucotrichum). Chemistry and Biodiversity, 2022, 19, .	1.0	27
22	Metal Ions, Metal Chelators and Metal Chelating Assay as Antioxidant Method. Processes, 2022, 10, 132.	1.3	110
23	Synthesis, molecular docking and some metabolic enzyme inhibition properties of biphenyl-substituted chalcone derivatives. Journal of Molecular Structure, 2022, 1254, 132358.	1.8	25
24	Cytotoxicity effects and biochemical investigation of novel tetrakis-phthalocyanines bearing 2-thiocytosine moieties with molecular docking studies. Inorganic Chemistry Communication, 2022, 138, 109263.	1.8	13
25	Potential thiosemicarbazoneâ€based enzyme inhibitors: Assessment of antiproliferative activity, metabolic enzyme inhibition properties, and molecular docking calculations. Journal of Biochemical and Molecular Toxicology, 2022, 36, e23018.	1.4	14
26	New Pd(II) complexes of the bisthiocarbohydrazones derived from isatin and disubstituted salicylaldehydes: Synthesis, characterization, crystal structures and inhibitory properties against some metabolic enzymes. Journal of Biological Inorganic Chemistry, 2022, 27, 271-281.	1.1	30
27	Benzimidazolium salts bearing the trifluoromethyl group as organofluorine compounds: Synthesis, characterization, crystal structure, in silico study, and inhibitory profiles against acetylcholinesterase and Î±â€glycosidase. Journal of Biochemical and Molecular Toxicology, 2022, 36, e23001.	1.4	12
28	Some phenolic natural compounds as carbonic anhydrase inhibitors: An in vitro and in silico study. Archiv Der Pharmazie, 2022, 355, e2100476.	2.1	10
29	Enzyme Inhibition Properties and Molecular Docking Studies of 4â€Sulfonate Containing Aryl Î±â€Hydroxyphosphonates Based Hybrid Molecules. Chemistry and Biodiversity, 2022, 19, .	1.0	11
30	Methods to evaluate the scavenging activity of antioxidants toward reactive oxygen and nitrogen species (IUPAC Technical Report). Pure and Applied Chemistry, 2022, 94, 87-144.	0.9	56
31	Synthesis, cytotoxicities, and carbonic anhydrase inhibition activities of pyrazolineâ€“benzenesulfonamide derivatives harboring phenol/polyphenol moieties. Medicinal Chemistry Research, 2022, 31, 925-935.	1.1	10
32	Screening of Carbonic Anhydrase, Acetylcholinesterase, Butyrylcholinesterase, and Î±-Glycosidase Enzyme Inhibition Effects and Antioxidant Activity of Coumestrol. Molecules, 2022, 27, 3091.	1.7	37
33	Synthesis, Characterization, Molecular Docking, Acetylcholinesterase and Î±â€Glycosidase Inhibition Profiles of Nitrogenâ€Based Novel Heterocyclic Compounds. ChemistrySelect, 2022, 7, .	0.7	20
34	Synthesis and Enzyme Inhibitory Properties of Quinoxaline Bridged Bis(imidazolium) Salts. Heterocycles, 2022, 104, .	0.4	2
35	Pentafluorobenzyl-substituted benzimidazolium salts: Synthesis, characterization, crystal structures, computational studies and inhibitory properties of some metabolic enzymes. Journal of Molecular Structure, 2022, 1265, 133266.	1.8	21
36	Isolation of Some Phenolic Compounds from Plantago subulata L. and Determination of Their Antidiabetic, Anticholinesterase, Antiepileptic and Antioxidant Activity. Chemistry and Biodiversity, 2022, 19, .	1.0	27

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37	Evaluation of the in vitro antioxidant, antidiabetic and anticholinergic properties of rosmarinic acid from rosemary (Rosmarinus officinalis L.). Biocatalysis and Agricultural Biotechnology, 2022, 43, 102417.	1.5	28
38	Benzenesulfonamide derivatives as potent acetylcholinesterase, Î±-glycosidase, and glutathione S-transferase inhibitors: biological evaluation and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5449-5460.	2.0	69
39	Cytotoxic effects, carbonic anhydrase isoenzymes, Î±-glycosidase and acetylcholinesterase inhibitory properties, and molecular docking studies of heteroatom-containing sulfonyl hydrazone derivatives. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5539-5550.	2.0	38
40	Synthesis, characterization, powder X-ray diffraction analysis, thermal stability, antioxidant properties and enzyme inhibitions of M(II)-Schiff base ligand complexes. Journal of Biomolecular Structure and Dynamics, 2021, 39, 6480-6487.	2.0	29
41	Inhibition effects of isoproterenol, chlorpromazine, carbamazepine, tamoxifen drugs on glutathione S-transferase, cholinesterases enzymes and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1-8.	2.0	9
42	The biological activities, molecular docking studies, and anticancer effects of 1-arylsuphonylpyrazole derivatives. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1-11.	2.0	39
43	Determination of anticancer properties and inhibitory effects of some metabolic enzymes including acetylcholinesterase, butyrylcholinesterase, alpha-glycosidase of some compounds with molecular docking study. Journal of Biomolecular Structure and Dynamics, 2021, 39, 3693-3702.	2.0	29
44	Investigation of the toxicological and inhibitory effects of some benzimidazole agents on acetylcholinesterase and butyrylcholinesterase enzymes. Archives of Physiology and Biochemistry, 2021, 127, 97-101.	1.0	17
45	Synthesis of novel tris-chalcones and determination of their inhibition profiles against some metabolic enzymes. Archives of Physiology and Biochemistry, 2021, 127, 153-161.	1.0	28
46	Synthesis and in silico studies of triazeneâ€substituted sulfamerazine derivatives as acetylcholinesterase and carbonic anhydrases inhibitors. Archiv Der Pharmazie, 2021, 354, e2000243.	2.1	26
47	Synthesis, characterization, crystal structure and bioactivity properties of the benzimidazole-functionalized PEPPSI type of Pd(II)NHC complexes. Journal of Molecular Structure, 2021, 1228, 129442.	1.8	32
48	Synthesis of benzamide derivatives with thioureaâ€substituted benzenesulfonamides as carbonic anhydrase inhibitors. Archiv Der Pharmazie, 2021, 354, e2000230.	2.1	24
49	Novel silver(I)<scp>Nâ€heterocyclic</scp> carbene complexes bearing 2â€(4â€hydroxyphenyl)ethyl group: Synthesis, characterization, and enzyme inhibition properties. Journal of Heterocyclic Chemistry, 2021, 58, 603-611.	1.4	10
50	Synthesis, characterization and bioactivities of dative donor ligand N-heterocyclic carbene (NHC) precursors and their Ag(I)NHC coordination compounds. Polyhedron, 2021, 193, 114866.	1.0	38
51	Synthesis, design, and assessment of novel morpholine-derived Mannich bases as multifunctional agents for the potential enzyme inhibitory properties including docking study. Bioorganic Chemistry, 2021, 107, 104524.	2.0	18
52	Synthesis and in vitro carbonic anhydrases and acetylcholinesterase inhibitory activities of novel imidazolinoneâ€based benzenesulfonamides. Archiv Der Pharmazie, 2021, 354, e2000375.	2.1	32
53	Probing 4-(diethylamino)-salicylaldehyde-based thiosemicarbazones as multi-target directed ligands against cholinesterases, carbonic anhydrases and Î±-glycosidase enzymes. Bioorganic Chemistry, 2021, 107, 104554.	2.0	54
54	Design, synthesis, characterization, enzymatic inhibition evaluations, and docking study of novel quinazolinone derivatives. International Journal of Biological Macromolecules, 2021, 170, 1-12.	3.6	40

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55	Comparison of the protective effects of curcumin and caffeic acid phenethyl ester against doxorubicinâ€induced testicular toxicity. Andrologia, 2021, 53, e13919.	1.0	8
56	Biochemical constituent, enzyme inhibitory activity, and molecular docking analysis of an endemic plant species, Thymus migricus. Chemical Papers, 2021, 75, 1133-1146.	1.0	35
57	Synthesis, characterization, crystal structure, Î±â€glycosidase, and acetylcholinesterase inhibitory properties of 1,3â€disubstituted benzimidazolium salts. Archiv Der Pharmazie, 2021, 354, e2000422.	2.1	16
58	Oleuropein and Verbascoside - Their Inhibition Effects on Carbonic Anhydrase and Molecular Docking Studies. Journal of Oleo Science, 2021, 70, 1275-1283.	0.6	10
59	Synthesis of novel 1,2,3 triazole derivatives and assessment of their potential cholinesterases, glutathione S-transferase enzymes inhibitory properties: An in vitro and in silico study. Bioorganic Chemistry, 2021, 107, 104606.	2.0	13
60	Transition metal complexes of a multidentate Schiff base ligand containing pyridine: synthesis, characterization, enzyme inhibitions, antioxidant properties, and molecular docking studies. BioMetals, 2021, 34, 393-406.	1.8	34
61	Design, synthesis, molecular docking, and some metabolic enzymeÂinhibition properties of novel quinazolinone derivatives. Archiv Der Pharmazie, 2021, 354, e2000455.	2.1	25
62	Inâ€...vitro Antioxidant and Cytotoxic Activities of Extracts of Endemic Tanacetum erzincanense Together with Phenolic Content by LCâ€ESIâ€QTOFâ€MS. Chemistry and Biodiversity, 2021, 18, e2000812.	1.0	13
63	Synthesis, Characterization, and Inhibition Study of Novel Substituted Phenylureido Sulfaguanidine Derivatives as Î±â€Glycosidase and Cholinesterase Inhibitors. Chemistry and Biodiversity, 2021, 18, e2000958.	1.0	67
64	PEPPSI type Pd(II)NHC complexes bearing chloro-/fluorobenzyl group: Synthesis, characterization, crystal structures, Î±-glycosidase and acetylcholinesterase inhibitory properties. Polyhedron, 2021, 198, 115060.	1.0	29
65	New Chalcone Derivatives with Pyrazole and Sulfonamide Pharmacophores as Carbonic Anhydrase Inhibitors. Letters in Drug Design and Discovery, 2021, 18, 191-198.	0.4	9
66	LC-HRMS Profiling and Antidiabetic, Anticholinergic, and Antioxidant Activities of Aerial Parts of KÄ±nkor (Ferulago stellata). Molecules, 2021, 26, 2469.	1.7	36
67	Anticancer, anticholinesterase and antidiabetic activities of tunceli garlic (Allium tuncelianum): determining its phytochemical content by LCâ€“MS/MS analysis. Journal of Food Measurement and Characterization, 2021, 15, 3323-3335.	1.6	23
68	New quinoxalinâ€1,3,4â€oxadiazole derivatives: Synthesis, characterization, in vitro biological evaluations, and molecular modeling studies. Archiv Der Pharmazie, 2021, 354, e2000471.	2.1	12
69	Synthesis and in silico studies of Novel Ru(II) complexes of Schiff base derivatives of 3-[(4-amino-5-thioxo-1,2,4-triazole-3-yl)methyl]-2(3H)-benzoxazolone compounds as potent Glutathione S-transferase and Cholinesterases Inhibitor. Journal of Molecular Structure, 2021, 1231, 129943.	1.8	17
70	Silver Nâ€heterocyclic carbene complexes bearing fluorinated benzyl group: Synthesis, characterization, crystal structure, computational studies, and inhibitory properties against some metabolic enzymes. Applied Organometallic Chemistry, 2021, 35, e6312.	1.7	17
71	Antidiabetic, anticholinergic and antioxidant activities of aerial parts of shaggy bindweed (Convulvulus betonicifolia Miller subsp.) â€“ profiling of phenolic compounds by LC-HRMS. Heliyon, 2021, 7, e06986.	1.4	44
72	Novel Mannich bases with strong carbonic anhydrases and acetylcholinesterase inhibition effects: 3-(aminomethyl)-6-{3-[4-(trifluoromethyl)phenyl]acryloyl}-2(3H)- benzoxazolones. Turkish Journal of Chemistry, 2021, 45, 805-818.	0.5	15

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73	A novel class for carbonic anhydrases inhibitors and evaluation of their nonâ€zinc binding. Archiv Der Pharmazie, 2021, 354, e2100188.	2.1	5
74	Anticholinergic, Antidiabetic and Antioxidant Activities of Ferula orientalis L. Determination of Its Polyphenol Contents by LC-HRMS. Records of Natural Products, 2021, 15, 513-528.	1.3	28
75	Antibacterial and Acetylcholinesterase Inhibitory Potentials of Triazenes Containg Sulfonamide Moiety. Pharmaceutical Chemistry Journal, 2021, 55, 284-289.	0.3	2
76	Synthesis and biological evaluation of new pyrazolebenzene-sulphonamides as potential anticancer agents and hCA I and II inhibitors. Turkish Journal of Chemistry, 2021, 45, 528-539.	0.5	3
77	Synthesis and biological evaluation of some 1â€naphthol derivatives as antioxidants, acetylcholinesterase, and carbonic anhydrase inhibitors. Archiv Der Pharmazie, 2021, 354, e2100113.	2.1	26
78	Novel potential metabolic enzymes inhibitor, photosensitizer and antibacterial agents based on water-soluble phthalocyanine bearing imidazole derivative. Journal of Molecular Structure, 2021, 1237, 130402.	1.8	30
79	Inhibition Profiles of Some Symmetric Sulfamides Derived from Phenethylamines on Human Carbonic Anhydrase I, and II Isoenzymes. Chemistry and Biodiversity, 2021, 18, e2100422.	1.0	10
80	Novel hypervalent iodine catalyzed synthesis of Î±-sulfonoxy ketones: Biological activity and molecular docking studies. Journal of Molecular Structure, 2021, 1239, 130492.	1.8	16
81	Some old 2-(4-(Aryl)- thiazole-2-yl)-3a,4,7,7a-tetrahydro-1H-4,7-tethanoisoindole-1,3(2H)-dione derivatives: Synthesis, inhibition effects and molecular docking studies on Aldose reductase and Î±-Glycosidase. Cumhuriyet Science Journal, 2021, 42, 553-564.	0.1	3
82	Synthesis, biological activity and docking calculations of bis-naphthoquinone derivatives from Lawsone. Bioorganic Chemistry, 2021, 114, 105069.	2.0	33
83	Composition characterization and biological activity study of Thymbra spicata l. var. spicata essential oil. Cumhuriyet Science Journal, 2021, 42, 565-575.	0.1	4
84	2-methylindole analogs as cholinesterases and glutathione S-transferase inhibitors: Synthesis, biological evaluation, molecular docking, and pharmacokinetic studies. Arabian Journal of Chemistry, 2021, 14, 103449.	2.3	21
85	Cholinesterases, carbonic anhydrase inhibitory properties and in silico studies of novel substituted benzylamines derived from dihydrochalcones. Computational Biology and Chemistry, 2021, 94, 107565.	1.1	23
86	Synthesis, Spectroscopic Analysis, and in Vitro/in Silico Biological Studies of Novel Piperidine Derivatives Heterocyclic Schiffâ€Mannich Base Compounds. Chemistry and Biodiversity, 2021, 18, e2100433.	1.0	5
87	Enzyme inhibitory function and phytochemical profile of Inula discoidea using in vitro and in silico methods. Biophysical Chemistry, 2021, 277, 106629.	1.5	24
88	Investigation of spectroscopic, thermal, and biological properties of FeII, CoII, ZnII, and RuII complexes derived from azo dye ligand. Journal of Molecular Structure, 2021, 1244, 130989.	1.8	20
89	The toxicological impact of some agents on glutathione S-transferase and cholinesterase enzymes. , 2021, , 281-290.		1
90	Concise syntheses and some biological activities of dl â€2,5â€diâ€•O â€•methylâ€•chiro â€•inositol, dl â€1,4â€diâ€•O â€•methylâ€•scyllo â€•inositol, and dl â€1,6â€dibromoâ€1,6â€dideoxyâ€2,5â€diâ€•O â€•methylâ€•chiro â€•inositol. Archiv Der Pharmazie, 2021, 354, 2000254.	2.1	6

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91	The effects of Daucus carota extract against PC3, PNT1a prostate cells, acetylcholinesterase, glutathione Sâ€transferase, and Î±â€glycosidase; an in vitroâ€“in silico study. Journal of Food Biochemistry, 2021, 45, e13975.	1.2	10
92	Synthesis, enzymes inhibitory properties and characterization of 2- (bis (4-aminophenyl) methyl) butan-1-ol compound: Quantum simulations, and in-silico molecular docking studies. Journal of the Indian Chemical Society, 2021, 98, 100206.	1.3	8
93	Evaluation of the Antioxidant and Antiradical Properties of Some Phyto and Mammalian Lignans. Molecules, 2021, 26, 7099.	1.7	32
94	Investigation of the effects of cephalosporin antibiotics on glutathione S-transferase activity in different tissues of rats in vivo conditions in order to drug development research. Drug and Chemical Toxicology, 2020, 43, 423-428.	1.2	24
95	Influence of some Î²-lactam drugs on selected antioxidant enzyme and lipid peroxidation levels in different rat tissues. Drug and Chemical Toxicology, 2020, 43, 27-36.	1.2	11
96	ICP-MS and HPLC analyses, enzyme inhibition and antioxidant potential of Achillea schischkinii Sosn.. Bioorganic Chemistry, 2020, 94, 103333.	2.0	74
97	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
98	Synthesis, spectroscopic properties, crystal structures, antioxidant activities and enzyme inhibition determination of Co(II) and Fe(II) complexes of Schiff base. Research on Chemical Intermediates, 2020, 46, 283-297.	1.3	48
99	The Influence of Some Nonsteroidal Anti-inflammatory Drugs on Metabolic Enzymes of Aldose Reductase, Sorbitol Dehydrogenase, and Î±-Glycosidase: a Perspective for Metabolic Disorders. Applied Biochemistry and Biotechnology, 2020, 190, 437-447.	1.4	49
100	In vitro effects of standard antioxidants on lactoperoxidase enzymeâ€“A molecular docking approach. Journal of Biochemical and Molecular Toxicology, 2020, 34, e22421.	1.4	14
101	Novel carvacrol based new oxypropanolamine derivatives: Design, synthesis, characterization, biological evaluation, and molecular docking studies. Journal of Molecular Structure, 2020, 1202, 127297.	1.8	35
102	Identification of non-alkaloid natural compounds of Angelica purpurascens (AvÃ©-Lall.) Gilli. (Apiaceae) with cholinesterase and carbonic anhydrase inhibition potential. Saudi Pharmaceutical Journal, 2020, 28, 1-14.	1.2	38
103	Anticholinergic, antidiabetic and antioxidant activities of Anatolian pennyroyal (Mentha) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2 Biotechnology, 2020, 23, 101441.	1.5	84
104	Lactoperoxidase inhibition of some natural phenolic compounds: Kinetics and molecular docking studies. Journal of Food Biochemistry, 2020, 44, e13132.	1.2	11
105	Toxicological effects of some antiparasitic drugs on equine liver glutathione S-Transferase enzyme activity. Journal of Pharmaceutical and Biomedical Analysis, 2020, 180, 113048.	1.4	5
106	Synthesis of novel Î²-amino carbonyl derivatives and their inhibition effects on some metabolic enzymes. Journal of Molecular Structure, 2020, 1204, 127453.	1.8	34
107	Synthesis, characterization and biological evaluation of Nâ€substituted triazinaneâ€2â€thiones and theoreticalâ€“experimental mechanism of condensation reaction. Applied Organometallic Chemistry, 2020, 34, e5329.	1.7	8
108	Novel sulphonamides incorporating triazene moieties show powerful carbonic anhydrase I and II inhibitory properties. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 325-329.	2.5	24

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109	Novel 2-methylimidazolium salts: Synthesis, characterization, molecular docking, and carbonic anhydrase and acetylcholinesterase inhibitory properties. Bioorganic Chemistry, 2020, 94, 103468.	2.0	49
110	Synthesis, characterization, biological evaluation, and molecular docking studies of some piperonylâ€based 4â€thiazolidinone derivatives. Archiv Der Pharmazie, 2020, 353, e1900304.	2.1	29
111	Synthesis of nitrogen, phosphorus, selenium and sulfur-containing heterocyclic compounds â€“ Determination of their carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and Î±-glycosidase inhibition properties. Bioorganic Chemistry, 2020, 103, 104171.	2.0	64
112	Novel quinazolinâ€“sulfonamid derivatives: synthesis, characterization, biological evaluation, and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2020, , 1-12.	2.0	9
113	Determination of the inhibition profiles of pyrazolylâ€“thiazole derivatives against aldose reductase and Î±â€glycosidase and molecular docking studies. Archiv Der Pharmazie, 2020, 353, e2000118.	2.1	58
114	Cholinesterases, Î±-glycosidase, and carbonic anhydrase inhibition properties of 1H-pyrazolo[1,2-b]phthalazine-5,10-dione derivatives: Synthetic analogues for the treatment of Alzheimer's disease and diabetes mellitus. Bioorganic Chemistry, 2020, 97, 103647.	2.0	53
115	Assessments of anticholinergic, antidiabetic, antioxidant activities and phenolic content of Stachys annua. Biocatalysis and Agricultural Biotechnology, 2020, 28, 101711.	1.5	68
116	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
117	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
118	Novel benzo[b]xanthene derivatives: Bismuth(III) triflateâ€catalyzed oneâ€pot synthesis, characterization, and acetylcholinesterase, glutathione Sâ€transferase, and butyrylcholinesterase inhibitory properties. Archiv Der Pharmazie, 2020, 353, 2000030.	2.1	19
119	N â€Substituted pyrimidinethione and acetophenone derivatives as a new therapeutic approach in diabetes. Archiv Der Pharmazie, 2020, 353, 2000075.	2.1	12
120	Synthesis, characterization, biological evaluation, and in silico studies of novel 1,3â€diaryltriazeneâ€substituted sulfathiazole derivatives. Archiv Der Pharmazie, 2020, 353, e2000102.	2.1	59
121	Anticholinergic and antioxidant activities of avocado (Folium perseae) leaves â€“ phytochemical content by LC-MS/MS analysis. International Journal of Food Properties, 2020, 23, 878-893.	1.3	36
122	Quinolineâ€based promising anticancer and antibacterial agents, and some metabolic enzyme inhibitors. Archiv Der Pharmazie, 2020, 353, e2000086.	2.1	29
123	A Novel Ag-N-Heterocyclic Carbene Complex Bearing the Hydroxyethyl Ligand: Synthesis, Characterization, Crystal and Spectral Structures and Bioactivity Properties. Crystals, 2020, 10, 171.	1.0	42
124	Antioxidants and antioxidant methods: an updated overview. Archives of Toxicology, 2020, 94, 651-715.	1.9	949
125	Synthesis, characterization, molecular docking, and biological activities of coumarinâ€“1,2,3â€triazoleâ€acetamide hybrid derivatives. Archiv Der Pharmazie, 2020, 353, e2000109.	2.1	50
126	Synthesis of novel organohalogen chalcone derivatives and screening of their molecular docking study and some enzymes inhibition effects. Journal of Molecular Structure, 2020, 1208, 127868.	1.8	40

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127	Novel amine-functionalized benzimidazolium salts: Synthesis, characterization, bioactivity, and molecular docking studies. Journal of Molecular Structure, 2020, 1207, 127802.	1.8	34
128	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
129	Inhibition effects of some pesticides and heavy metals on carbonic anhydrase enzyme activity purified from horse mackerel (Trachurus trachurus) gill tissues. Environmental Science and Pollution Research, 2020, 27, 10607-10616.	2.7	63
130	Synthesis, cytotoxic, and carbonic anhydrase inhibitory effects of new 2â€(3â€(4â€methoxyphenyl)â€5â€(aryl)â€4,5<scp>â€dihydroâ€1H</scp>â€pyrazolâ€1â€yl)benzo[d]thiazole derivatives. Journal of Heterocyclic Chemistry, 2020, 57, 2762-2768.	1.4	14
131	Novel functionally substituted esters based on sodium diethyldithiocarbamate derivatives: Synthesis, characterization, biological activity and molecular docking studies. Bioorganic Chemistry, 2020, 99, 103762.	2.0	44
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