

# Ilhami Glin

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

417  
papers

27,182  
citations

91  
h-index

146  
g-index

430  
ext. papers

31,571  
ext. citations

3.9  
avg, IF

8.13  
L-index

#	Paper	IF	Citations
417	Metal Ions, Metal Chelators and Metal Chelating Assay as Antioxidant Method. <i>Processes</i> , <b>2022</b> , 10, 132	2.9	13
416	Synthesis, molecular docking and some metabolic enzyme inhibition properties of biphenyl-substituted chalcone derivatives. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1254, 132358	3.4	3
415	Cytotoxicity effects and biochemical investigation of novel tetrakis-phthalocyanines bearing 2-thiocytosine moieties with molecular docking studies. <i>Inorganic Chemistry Communication</i> , <b>2022</b> , 138, 109263	3.1	3
414	Synthesis and inhibition profiles of N-benzyl- and N-allyl aniline derivatives against carbonic anhydrase and acetylcholinesterase [A molecular docking study. <i>Arabian Journal of Chemistry</i> , <b>2022</b> , 15, 103645	5.9	12
413	Potential thiosemicarbazone-based enzyme inhibitors: Assessment of antiproliferative activity, metabolic enzyme inhibition properties, and molecular docking calculations.. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2022</b> , e23018	3.4	0
412	New Pd(II) complexes of the bistiocarbonylhydrazones derived from isatin and disubstituted salicylaldehydes: Synthesis, characterization, crystal structures and inhibitory properties against some metabolic enzymes.. <i>Journal of Biological Inorganic Chemistry</i> , <b>2022</b> , 27, 271	3.7	4
411	Benzimidazolium salts bearing the trifluoromethyl group as organofluorine compounds: Synthesis, characterization, crystal structure, in silico study, and inhibitory profiles against acetylcholinesterase and $\alpha$ -glucosidase.. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2022</b> , e23001	3.4	1
410	Some phenolic natural compounds as carbonic anhydrase inhibitors: An in vitro and in silico study.. <i>Archiv Der Pharmazie</i> , <b>2022</b> , e2100476	4.3	2
409	Methods to evaluate the scavenging activity of antioxidants toward reactive oxygen and nitrogen species (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , <b>2022</b> , 94, 87-144	2.1	10
408	Synthesis and acetylcholinesterase enzyme inhibitory effects of some novel 4,5-Dihydro-1-1,2,4-triazol-5-one derivatives; an and study.. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2022</b> , 1-9	3.6	1
407	Screening of Carbonic Anhydrase, Acetylcholinesterase, Butyrylcholinesterase, and $\alpha$ -Glucosidase Enzyme Inhibition Effects and Antioxidant Activity of Coumestrol. <i>Molecules</i> , <b>2022</b> , 27, 3091	4.8	4
406	Pentafluorobenzyl-substituted Benzimidazolium Salts: Synthesis, Characterization, Crystal Structures, Computational Studies and Inhibitory Properties of Some Metabolic Enzymes. <i>Journal of Molecular Structure</i> , <b>2022</b> , 133266	3.4	2
405	Inhibition effects of isoproterenol, chlorpromazine, carbamazepine, tamoxifen drugs on glutathione S-transferase, cholinesterases enzymes and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 3277-3284	3.6	7
404	The biological activities, molecular docking studies, and anticancer effects of 1-arylsulphonylpyrazole derivatives. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 3336-3346	3.6	32
403	Some metal chelates with Schiff base ligand: synthesis, structure elucidation, thermal behavior, XRD evaluation, antioxidant activity, enzyme inhibition, and molecular docking studies. <i>Molecular Diversity</i> , <b>2021</b> , 1	3.1	2
402	Novel tetrakis-phthalocyanines bearing pyrimidine derivative: crystal XRD analysis, enzyme inhibition, molecular docking, and anticancer effects. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 1-14	3.6	0
401	Evaluation of the Antioxidant and Antiradical Properties of Some Phyto and Mammalian Lignans. <i>Molecules</i> , <b>2021</b> , 26,	4.8	8

400	Unravelling the phenolic compound reserves, antioxidant and enzyme inhibitory activities of an endemic plant species.. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 1-12	3.6	1
399	Synthesis and some enzyme inhibition effects of isoxazoline and pyrazoline derivatives including benzonorbornene unit. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2021</b> , e22952	3.4	0
398	Selenourea and thiourea derivatives of chiral and achiral enetetramines: Synthesis, characterization and enzyme inhibitory properties.. <i>Bioorganic Chemistry</i> , <b>2021</b> , 120, 105566	5.1	5
397	Discovery of sulfadru drug-pyrrole conjugates as carbonic anhydrase and acetylcholinesterase inhibitors. <i>Archiv Der Pharmazie</i> , <b>2021</b> , e2100242	4.3	42
396	The effects of <i>Daucus carota</i> extract against PC3, PNT1a prostate cells, acetylcholinesterase, glutathione S-transferase, and $\beta$ -glucosidase; an in vitro-in silico study. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13975	3.3	1
395	Synthesis, enzymes inhibitory properties and characterization of 2- (bis (4-aminophenyl) methyl) butan-1-ol compound: Quantum simulations, and in-silico molecular docking studies. <i>Journal of the Indian Chemical Society</i> , <b>2021</b> , 98, 100206		2
394	Effects of some phenolic compounds on the inhibition of $\beta$ -glucosidase enzyme-immobilized on Pluronic F127 micelles: An in vitro and in silico study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 127839	5.1	2
393	Benzenesulfonamide derivatives as potent acetylcholinesterase, $\beta$ -glucosidase, and glutathione S-transferase inhibitors: biological evaluation and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 5449-5460	3.6	29
392	Cytotoxic effects, carbonic anhydrase isoenzymes, $\beta$ -glucosidase and acetylcholinesterase inhibitory properties, and molecular docking studies of heteroatom-containing sulfonyl hydrazone derivatives. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 5539-5550	3.6	13
391	Synthesis, characterization, powder X-ray diffraction analysis, thermal stability, antioxidant properties and enzyme inhibitions of M(II)-Schiff base ligand complexes. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 6480-6487	3.6	12
390	Synthesis, Characterization, and Inhibition Study of Novel Substituted Phenylureido Sulfaguanidine Derivatives as $\beta$ -Glucosidase and Cholinesterase Inhibitors. <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2000958 <sup>2.5</sup>		23
389	PEPPSI type Pd(II)NHC complexes bearing chloro-/fluorobenzyl group: Synthesis, characterization, crystal structures, $\beta$ -glucosidase and acetylcholinesterase inhibitory properties. <i>Polyhedron</i> , <b>2021</b> , 198, 115060	2.7	8
388	New Chalcone Derivatives with Pyrazole and Sulfonamide Pharmacophores as Carbonic Anhydrase Inhibitors. <i>Letters in Drug Design and Discovery</i> , <b>2021</b> , 18, 191-198	0.8	2
387	LC-HRMS Profiling and Antidiabetic, Anticholinergic, and Antioxidant Activities of Aerial Parts of <i>Kikar</i> (). <i>Molecules</i> , <b>2021</b> , 26,	4.8	11
386	Anticancer, anticholinesterase and antidiabetic activities of tunceli garlic ( <i>Allium tuncelianum</i> ): determining its phytochemical content by LCMS/MS analysis. <i>Journal of Food Measurement and Characterization</i> , <b>2021</b> , 15, 3323-3335	2.8	8
385	Novel inhibitors with sulfamethazine backbone: synthesis and biological study of multi-target cholinesterases and $\beta$ -glucosidase inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 1-13	3.6	14
384	New quinoxalin-1,3,4-oxadiazole derivatives: Synthesis, characterization, in vitro biological evaluations, and molecular modeling studies. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2000471	4.3	3
383	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. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1231, 129943	3.4	8

382	Silver N-heterocyclic carbene complexes bearing fluorinated benzyl group: Synthesis, characterization, crystal structure, computational studies, and inhibitory properties against some metabolic enzymes. <i>Applied Organometallic Chemistry</i> , <b>2021</b> , 35, e6312	3.1	6
381	Antidiabetic, anticholinergic and antioxidant activities of aerial parts of shaggy bindweed ( Miller subsp.) - profiling of phenolic compounds by LC-HRMS. <i>Heliyon</i> , <b>2021</b> , 7, e06986	3.6	15
380	Novel Mannich bases with strong carbonic anhydrases and acetylcholinesterase inhibition effects: 3-(aminomethyl)-6-{3-[4-(trifluoromethyl)phenyl]acryloyl}-2(3H)-benzoxazolones. <i>Turkish Journal of Chemistry</i> , <b>2021</b> , 45, 805-818	1	3
379	A novel class for carbonic anhydrases inhibitors and evaluation of their non-zinc binding. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2100188	4.3	2
378	Anticholinergic, Antidiabetic and Antioxidant Activities of Ferula orientalis L. Determination of Its Polyphenol Contents by LC-HRMS. <i>Records of Natural Products</i> , <b>2021</b> , 15, 513-528	1.9	11
377	Antibacterial and Acetylcholinesterase Inhibitory Potentials of Triazines Containing Sulfonamide Moiety. <i>Pharmaceutical Chemistry Journal</i> , <b>2021</b> , 55, 284-289	0.9	
376	Synthesis and biological evaluation of new pyrazolebenzene-sulphonamides as potential anticancer agents and hCA I and II inhibitors. <i>Turkish Journal of Chemistry</i> , <b>2021</b> , 45, 528-539	1	1
375	Synthesis and biological evaluation of some 1-naphthol derivatives as antioxidants, acetylcholinesterase, and carbonic anhydrase inhibitors. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2100113	4.3	6
374	Determination of anticancer properties and inhibitory effects of some metabolic enzymes including acetylcholinesterase, butyrylcholinesterase, alpha-glycosidase of some compounds with molecular docking study. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 3693-3702	3.6	14
373	Investigation of the toxicological and inhibitory effects of some benzimidazole agents on acetylcholinesterase and butyrylcholinesterase enzymes. <i>Archives of Physiology and Biochemistry</i> , <b>2021</b> , 127, 97-101	2.2	13
372	Synthesis of novel tris-chalcones and determination of their inhibition profiles against some metabolic enzymes. <i>Archives of Physiology and Biochemistry</i> , <b>2021</b> , 127, 153-161	2.2	15
371	Synthesis and in silico studies of triazene-substituted sulfamerazine derivatives as acetylcholinesterase and carbonic anhydrases inhibitors. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2000243	4.3	11
370	Synthesis, characterization, crystal structure and bioactivity properties of the benzimidazole-functionalized PEPPSI type of Pd(II)NHC complexes. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1228, 129442	3.4	12
369	Synthesis of benzamide derivatives with thiourea-substituted benzenesulfonamides as carbonic anhydrase inhibitors. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2000230	4.3	9
368	Novel silver(I)N-heterocyclic carbene complexes bearing 2-(4-hydroxyphenyl)ethyl group: Synthesis, characterization, and enzyme inhibition properties. <i>Journal of Heterocyclic Chemistry</i> , <b>2021</b> , 58, 603-611	1.9	3
367	Synthesis, characterization and bioactivities of dative donor ligand N-heterocyclic carbene (NHC) precursors and their Ag(I)NHC coordination compounds. <i>Polyhedron</i> , <b>2021</b> , 193, 114866	2.7	16
366	Synthesis, design, and assessment of novel morpholine-derived Mannich bases as multifunctional agents for the potential enzyme inhibitory properties including docking study. <i>Bioorganic Chemistry</i> , <b>2021</b> , 107, 104524	5.1	5
365	Synthesis and in vitro carbonic anhydrases and acetylcholinesterase inhibitory activities of novel imidazolinone-based benzenesulfonamides. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2000375	4.3	10

364	Probing 4-(diethylamino)-salicylaldehyde-based thiosemicarbazones as multi-target directed ligands against cholinesterases, carbonic anhydrases and $\beta$ -glycosidase enzymes. <i>Bioorganic Chemistry</i> , <b>2021</b> , 107, 104554	5.1	15
363	Design, synthesis, characterization, enzymatic inhibition evaluations, and docking study of novel quinazolinone derivatives. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 170, 1-12	7.9	20
362	Biochemical constituent, enzyme inhibitory activity, and molecular docking analysis of an endemic plant species, <i>Thymus migricus</i> . <i>Chemical Papers</i> , <b>2021</b> , 75, 1133-1146	1.9	13
361	Synthesis, characterization, crystal structure, $\beta$ -glycosidase, and acetylcholinesterase inhibitory properties of 1,3-disubstituted benzimidazolium salts. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2000422	4.3	4
360	Oleuropein and Verbascoside - Their Inhibition Effects on Carbonic Anhydrase and Molecular Docking Studies. <i>Journal of Oleo Science</i> , <b>2021</b> , 70, 1275-1283	1.6	1
359	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. <i>Bioorganic Chemistry</i> , <b>2021</b> , 107, 104606	5.1	4
358	Transition metal complexes of a multidentate Schiff base ligand containing pyridine: synthesis, characterization, enzyme inhibitions, antioxidant properties, and molecular docking studies. <i>BioMetals</i> , <b>2021</b> , 34, 393-406	3.4	7
357	Design, synthesis, molecular docking, and some metabolic enzyme inhibition properties of novel quinazolinone derivatives. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2000455	4.3	7
356	In vitro Antioxidant and Cytotoxic Activities of Extracts of Endemic <i>Tanacetum erzincanense</i> Together with Phenolic Content by LC-ESI-QTOF-MS. <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2000812	2.5	2
355	New chalcone derivative, ethyl 2-(4-(3-(benzo[ $\theta$ ]thiophen-2-yl)acryloyl)phenoxy)acetate: synthesis, characterization, DFT study, enzyme inhibition activities and docking study. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 1-8	3.6	
354	and enzyme inhibition effects of some metal ions and compounds on glutathione S-transferase enzyme purified from L. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 1-7	3.6	2
353	Novel potential metabolic enzymes inhibitor, photosensitizer and antibacterial agents based on water-soluble phthalocyanine bearing imidazole derivative. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1237, 130402	3.4	8
352	Inhibition Profiles of Some Symmetric Sulfamides Derived from Phenethylamines on Human Carbonic Anhydrase I, and II Isoenzymes. <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2100422	2.5	3
351	Novel hypervalent iodine catalyzed synthesis of $\beta$ -sulfonyl ketones: Biological activity and molecular docking studies. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1239, 130492	3.4	6
350	Some old 2-(4-(Aryl)-thiazole-2-yl)-3a,4,7,7a-tetrahydro-1H-4,7-tethanoisindole-1,3(2H)-dione derivatives: Synthesis, inhibition effects and molecular docking studies on Aldose reductase and $\beta$ -glycosidase. <i>Cumhuriyet Science Journal</i> , <b>2021</b> , 42, 553-564	0.4	1
349	Synthesis, biological activity and docking calculations of bis-naphthoquinone derivatives from Lawsone. <i>Bioorganic Chemistry</i> , <b>2021</b> , 114, 105069	5.1	11
348	Composition characterization and biological activity study of <i>Thymbra spicata</i> l. var. <i>spicata</i> essential oil. <i>Cumhuriyet Science Journal</i> , <b>2021</b> , 42, 565-575	0.4	1
347	2-methylindole analogs as cholinesterases and glutathione S-transferase inhibitors: Synthesis, biological evaluation, molecular docking, and pharmacokinetic studies. <i>Arabian Journal of Chemistry</i> , <b>2021</b> , 103449	5.9	4

346	Cholinesterases, carbonic anhydrase inhibitory properties and in silico studies of novel substituted benzylamines derived from dihydrochalcones. <i>Computational Biology and Chemistry</i> , <b>2021</b> , 94, 107565	3.6	5
345	Synthesis, Spectroscopic Analysis, and in Vitro/in Silico Biological Studies of Novel Piperidine Derivatives Heterocyclic Schiff-Mannich Base Compounds. <i>Chemistry and Biodiversity</i> , <b>2021</b> , 18, e2100433	3.5	1
344	Enzyme inhibitory function and phytochemical profile of <i>Inula discoidea</i> using in vitro and in silico methods. <i>Biophysical Chemistry</i> , <b>2021</b> , 277, 106629	3.5	9
343	Investigation of spectroscopic, thermal, and biological properties of FeII, CoII, ZnII, and RuII complexes derived from azo dye ligand. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1244, 130989	3.4	6
342	The toxicological impact of some agents on glutathione S-transferase and cholinesterase enzymes <b>2021</b> , 281-290		1
341	Concise syntheses and some biological activities of dl-2,5-di-O-methyl-chiro-inositol, dl-1,4-di-O-methyl-scyllo-inositol, and dl-1,6-dibromo-1,6-dideoxy-2,5-di-O-methyl-chiro-inositol. <i>Archiv Der Pharmazie</i> , <b>2021</b> , 354, e2000254	4.3	3
340	Synthesis, characterization, inhibition effects, and molecular docking studies as acetylcholinesterase, $\alpha$ -glucosidase, and carbonic anhydrase inhibitors of novel benzenesulfonamides incorporating 1,3,5-triazine structural motifs. <i>Bioorganic Chemistry</i> , <b>2020</b> , 100, 103897	5.1	76
339	Novel benzo[b]xanthene derivatives: Bismuth(III) triflate-catalyzed one-pot synthesis, characterization, and acetylcholinesterase, glutathione S-transferase, and butyrylcholinesterase inhibitory properties. <i>Archiv Der Pharmazie</i> , <b>2020</b> , 353, e2000030	4.3	10
338	N-Substituted pyrimidinethione and acetophenone derivatives as a new therapeutic approach in diabetes. <i>Archiv Der Pharmazie</i> , <b>2020</b> , 353, e2000075	4.3	8
337	Synthesis, characterization, biological evaluation, and in silico studies of novel 1,3-diaryltriazene-substituted sulfathiazole derivatives. <i>Archiv Der Pharmazie</i> , <b>2020</b> , 353, e2000102	4.3	38
336	Anticholinergic and antioxidant activities of avocado ( <i>Folium persea</i> ) leaves phytochemical content by LC-MS/MS analysis. <i>International Journal of Food Properties</i> , <b>2020</b> , 23, 878-893	3	21
335	Quinoline-based promising anticancer and antibacterial agents, and some metabolic enzyme inhibitors. <i>Archiv Der Pharmazie</i> , <b>2020</b> , 353, e2000086	4.3	14
334	A Novel Ag-N-Heterocyclic Carbene Complex Bearing the Hydroxyethyl Ligand: Synthesis, Characterization, Crystal and Spectral Structures and Bioactivity Properties. <i>Crystals</i> , <b>2020</b> , 10, 171	2.3	27
333	Antioxidants and antioxidant methods: an updated overview. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 651-715	5.8	365
332	Synthesis, characterization, molecular docking, and biological activities of coumarin-1,2,3-triazole-acetamide hybrid derivatives. <i>Archiv Der Pharmazie</i> , <b>2020</b> , 353, e2000109	4.3	27
331	Synthesis of novel organohalogen chalcone derivatives and screening of their molecular docking study and some enzymes inhibition effects. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1208, 127868	3.4	25
330	Novel amine-functionalized benzimidazolium salts: Synthesis, characterization, bioactivity, and molecular docking studies. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1207, 127802	3.4	25
329	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> , <b>2020</b> , 96, 103627	5.1	29



328	Inhibition effects of some pesticides and heavy metals on carbonic anhydrase enzyme activity purified from horse mackerel ( <i>Trachurus trachurus</i> ) gill tissues. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 10607-10616	5.1	22
327	Synthesis, cytotoxic, and carbonic anhydrase inhibitory effects of new 2-(3-(4-methoxyphenyl)-5-(aryl)-4,5-dihydro-1H-pyrazol-1-yl)benzo[d]thiazole derivatives. <i>Journal of Heterocyclic Chemistry</i> , <b>2020</b> , 57, 2762-2768	1.9	9
326	Novel functionally substituted esters based on sodium diethyldithiocarbamate derivatives: Synthesis, characterization, biological activity and molecular docking studies. <i>Bioorganic Chemistry</i> , <b>2020</b> , 99, 103762	5.1	27
325	Screening of non-alkaloid acetylcholinesterase and carbonic anhydrase isoenzymes inhibitors of <i>Leiotulus dasyanthus</i> (K. Koch) Pimenov & Ostr. (Apiaceae). <i>Journal of Essential Oil Research</i> , <b>2020</b> , 32, 227-241	2.3	5
324	Synthesis, characterization, photo-physicochemical and biological properties of water-soluble tetra-substituted phthalocyanines: Antidiabetic, anticancer and anticholinergic potentials. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2020</b> , 396, 112511	4.7	14
323	human monoamine oxidase (hMAO) A and hMAO B inhibitors from <i>Artemisia dracunculus</i> L. herniarin and skimmin: human monoamine oxidase A and B inhibitors from <i>A. dracunculus</i> L. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2020</b> , 75, 459-466	1.7	1
322	Potent Acetylcholinesterase Inhibitors: Potential Drugs for Alzheimer's Disease. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2020</b> , 20, 703-715	3.2	34
321	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> , <b>2020</b> , 17, 1283-1292	0.8	16
320	Synthesis and pharmacological effects of novel benzenesulfonamides carrying benzamide moiety as carbonic anhydrase and acetylcholinesterase inhibitors. <i>Turkish Journal of Chemistry</i> , <b>2020</b> , 44, 1601-1609	1.6	1
319	Synthesis and antioxidant activities of phenol derivatives from 1,6-bis(dimethoxyphenyl)hexane-1,6-dione. <i>Bioorganic Chemistry</i> , <b>2020</b> , 100, 103884	5.1	32
318	Novel propanolamine derivatives attached to 2-metoxifenol moiety: Synthesis, characterization, biological properties, and molecular docking studies. <i>Bioorganic Chemistry</i> , <b>2020</b> , 101, 103969	5.1	32
317	In vitro effects of standard antioxidants on lactoperoxidase enzyme-A molecular docking approach. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2020</b> , 34, e22421	3.4	11
316	Novel carvacrol based new oxypropanolamine derivatives: Design, synthesis, characterization, biological evaluation, and molecular docking studies. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1202, 127297	3.4	23
315	Identification of non-alkaloid natural compounds of ( <i>Avell.</i> ) Gilli. (Apiaceae) with cholinesterase and carbonic anhydrase inhibition potential. <i>Saudi Pharmaceutical Journal</i> , <b>2020</b> , 28, 1-14	4.4	20
314	Anticholinergic, antidiabetic and antioxidant activities of Anatolian pennyroyal ( <i>Mentha pulegium</i> )-analysis of its polyphenol contents by LC-MS/MS. <i>Biocatalysis and Agricultural Biotechnology</i> , <b>2020</b> , 23, 101441	4.2	48
313	Lactoperoxidase inhibition of some natural phenolic compounds: Kinetics and molecular docking studies. <i>Journal of Food Biochemistry</i> , <b>2020</b> , 44, e13132	3.3	7
312	Toxicological effects of some antiparasitic drugs on equine liver glutathione S-Transferase enzyme activity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 180, 113048	3.5	5
311	Synthesis of novel amino carbonyl derivatives and their inhibition effects on some metabolic enzymes. <i>Journal of Molecular Structure</i> , <b>2020</b> , 1204, 127453	3.4	27

310	Synthesis, characterization and biological evaluation of N-substituted triazinane-2-thiones and theoretical/experimental mechanism of condensation reaction. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5329	3.1	5
309	Novel sulphonamides incorporating triazene moieties show powerful carbonic anhydrase I and II inhibitory properties. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2020</b> , 35, 325-329	5.6	18
308	Novel 2-methylimidazolium salts: Synthesis, characterization, molecular docking, and carbonic anhydrase and acetylcholinesterase inhibitory properties. <i>Bioorganic Chemistry</i> , <b>2020</b> , 94, 103468	5.1	37
307	Synthesis, characterization, biological evaluation, and molecular docking studies of some piperonyl-based 4-thiazolidinone derivatives. <i>Archiv Der Pharmazie</i> , <b>2020</b> , 353, e1900304	4.3	20
306	Synthesis of nitrogen, phosphorus, selenium and sulfur-containing heterocyclic compounds - Determination of their carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and $\beta$ -glucosidase inhibition properties. <i>Bioorganic Chemistry</i> , <b>2020</b> , 103, 104171	5.1	36
305	Novel quinazolin-sulfonamid derivatives: synthesis, characterization, biological evaluation, and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 1-12	3.6	4
304	Metal contained Phthalocyanines with 3,4-Dimethoxyphenethoxy substituents: their anticancer, antibacterial activities and their inhibitory effects on some metabolic enzymes with molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 1-12	3.6	1
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302	Cholinesterases, $\beta$ -glucosidase, 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. <i>Bioorganic Chemistry</i> , <b>2020</b> , 97, 103647	5.1	33
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300	Phthalocyanine complexes with (4-isopropylbenzyl)oxy substituents: preparation and evaluation of anti-carbonic anhydrase, anticholinesterase enzymes and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 1-9	3.6	5
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298	Molecular docking and inhibition profiles of some antibiotics on lactoperoxidase enzyme purified from bovine milk. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 1-10	3.6	2
297	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> , <b>2020</b> , 44, 1058-1067	1	12
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207	Novel N-propylphthalimide- and 4-vinylbenzyl-substituted benzimidazole salts: Synthesis, characterization, and determination of their metal chelating effects and inhibition profiles against acetylcholinesterase and carbonic anhydrase enzymes. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2018</b> , 32, e22006	3-4	52
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205	The toxicological effects of some avermectins on goat liver carbonic anhydrase enzyme. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2018</b> , 32, e22010	3-4	37
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200	Synthesis, characterization, antioxidant, antidiabetic, anticholinergic, and antiepileptic properties of novel N-substituted tetrahydropyrimidines based on phenylthiourea. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2018</b> , 32, e22221	3-4	23
199	Some pyrazoles derivatives: Potent carbonic anhydrase, $\beta$ -glycosidase, and cholinesterase enzymes inhibitors. <i>Archiv Der Pharmazie</i> , <b>2018</b> , 351, e1800200	4-3	43
198	Novel sulfamate derivatives of menthol: Synthesis, characterization, and cholinesterases and carbonic anhydrase enzymes inhibition properties. <i>Archiv Der Pharmazie</i> , <b>2018</b> , 351, e1800209	4-3	28
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192	Oxidative stress and mRNA expression of acetylcholinesterase in the leukocytes of ischemic patients. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 87, 561-567	7-5	61
191	Synthesis of new cyclic thioureas and evaluation of their metal-chelating activity, acetylcholinesterase, butyrylcholinesterase, and carbonic anhydrase inhibition profiles. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2017</b> , 31, N/A	3-4	51
190	Synthesis and bioactivity of several new hetaryl sulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2017</b> , 32, 137-145	5-6	59
189	The first synthesis of 4-phenylbutenone derivative bromophenols including natural products and their inhibition profiles for carbonic anhydrase, acetylcholinesterase and butyrylcholinesterase enzymes. <i>Bioorganic Chemistry</i> , <b>2017</b> , 72, 359-366	5-1	109
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187	Inhibition properties of some flavonoids on carbonic anhydrase I and II isoenzymes purified from human erythrocytes. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2017</b> , 31, e21930	3-4	21
186	Evaluation of acetylcholinesterase and carbonic anhydrase inhibition profiles of 1,2,3,4,6-pentasubstituted-4-hydroxy-cyclohexanes. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2017</b> , 31, e21938	3-4	40
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183	Microwave-assisted synthesis and bioevaluation of new sulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2017</b> , 32, 369-374	5.6	37
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180	Synthesis and investigation of antibacterial activities and carbonic anhydrase and acetylcholinesterase inhibition profiles of novel 4,5-dihydropyrazol and pyrazolyl-thiazole derivatives containing methanoisindol-1,3-dion unit. <i>Synthetic Communications</i> , <b>2017</b> , 47, 2313-2323	1.7	33
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177	Investigation of acetylcholinesterase and mammalian DNA topoisomerases, carbonic anhydrase inhibition profiles, and cytotoxic activity of novel bis(aminoalkyl)phosphinic acid derivatives against human breast cancer. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2017</b> , 31, e21971	3.4	36
176	The synthesis of novel sulfamides derived from benzylphenethylamines as acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase enzymes inhibitors. <i>Bioorganic Chemistry</i> , <b>2017</b> , 74, 238-250	5.1	55
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174	Synthesis of 2-amino-3-cyanopyridine derivatives and investigation of their carbonic anhydrase inhibition effects. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2017</b> , 31, e21998	3.4	9
173	The impact of some natural phenolic compounds on carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase, and $\alpha$ -glucosidase enzymes: An antidiabetic, anticholinergic, and antiepileptic study. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2017</b> , 31, e21995	3.4	96
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171	Therapeutic effects of silymarin and naringin on methotrexate-induced nephrotoxicity in rats: Biochemical evaluation of anti-inflammatory, antiapoptotic, and antiautophagic properties. <i>Journal of Food Biochemistry</i> , <b>2017</b> , 41, e12398	3.3	62
170	Novel antioxidant bromophenols with acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase inhibitory actions. <i>Bioorganic Chemistry</i> , <b>2017</b> , 74, 104-114	5.1	103
169	The inhibition effects of some natural products on lactoperoxidase purified from bovine milk. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2017</b> , 31, e21939	3.4	7
168	Synephrine and phenylephrine act as $\alpha$ -amylase, $\alpha$ -glucosidase, acetylcholinesterase, butyrylcholinesterase, and carbonic anhydrase enzymes inhibitors. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2017</b> , 31, e21973	3.4	88
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159	Assessment of Antimicrobial and Antioxidant Activities of <i>Nepeta trachonitica</i> : Analysis of Its Phenolic Compounds Using HPLC-MS/MS. <i>Scientia Pharmaceutica</i> , <b>2017</b> , 85,	4.3	46
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156	Antioxidant and Antiradical Properties of Selected Flavonoids and Phenolic Compounds. <i>Biochemistry Research International</i> , <b>2017</b> , 2017, 7616791	2.4	106
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152	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. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 1095-101	5.6	101
151	The effects of some bromophenols on human carbonic anhydrase isoenzymes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 603-7	5.6	69
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149	The effects of some avermectins on bovine carbonic anhydrase enzyme. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 773-8	5.6	41

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145	A comparative study on the antioxidant effects of hesperidin and ellagic acid against skeletal muscle ischemia/reperfusion injury. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 114-118	5.6	29
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141	Effects of artificial lighting on bioactivity of sweet red pepper (Capsicum annum L.). <i>International Journal of Food Science and Technology</i> , <b>2016</b> , 51, 1378-1385	3.8	20
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4	Co and Zn Metal Phthalocyanines with Bulky Substituents: Anticancer, Antibacterial Activities and Their Inhibitory Effects on Some Metabolic Enzymes with Molecular Docking Studies. <i>Polycyclic Aromatic Compounds</i> ,1-13	1.3	5
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2	Biological Activity and Molecular Docking Study of Some Bicyclic Structures: Antidiabetic and Anticholinergic Potentials. <i>Polycyclic Aromatic Compounds</i> ,1-14	1.3	2
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