

Parham Taslimi

List of Publications by Year in descending order

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198
papers

10,238
citations

19608

61
h-index

49773

87
g-index

203
all docs

203
docs citations

203
times ranked

3643
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel tetrakis π -phthalocyanines bearing pyrimidine derivative: crystal XRD analysis, enzyme inhibition, molecular docking, and anticancer effects. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 249-262.	2.0	4
2	Unravelling the phenolic compound reserves, antioxidant and enzyme inhibitory activities of an endemic plant species, <i>Achillea pseudoaleppica</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 445-456.	2.0	11
3	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> , 2022, 40, 2991-3002.	2.0	11
4	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> , 2022, 40, 733-741.	2.0	22
5	Design, synthesis, characterization, biological evaluation, and molecular docking studies of novel 1,2-aminopropanthiols substituted derivatives as selective carbonic anhydrase, acetylcholinesterase and β -glucosidase enzymes inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 236-248.	2.0	32
6	1,2,3-Triazole substituted phthalocyanine metal complexes as potential inhibitors for anticholinesterase and antidiabetic enzymes with molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 4429-4439.	2.0	24
7	Biological effects and molecular docking studies of Catechin 5-O-gallate: antioxidant, anticholinergics, antiepileptic and antidiabetic potentials. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 2489-2497.	2.0	14
8	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> , 2022, 42, 4475-4486.	1.4	16
9	Novel inhibitors with sulfamethazine backbone: synthesis and biological study of multi-target cholinesterases and β -glucosidase inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 8752-8764.	2.0	54
10	Sivas da Yeti \ddot{u} yen Endemik Bir Bitki Olan Astragalus Dumani' nin Antikolinergik, Antidiyabetik ve Antioksidan Aktivitesinin De \ddot{u} yerlendirilmesi. <i>Kahramanmara\ddot{u} S\ddot{u}veyi\ddot{u} Mam \ddot{u}eniversitesi Tar\ddot{u}m Ve Do\ddot{u}er.2 Dergisi</i> , 2022, 25, 1-10.		3
11	Biological Activity and Molecular Docking Study of Some Bicyclic Structures: Antidiabetic and Anticholinergic Potentials. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 6003-6016.	1.4	8
12	Nickel Supported MCM-Functionalized 1,2,3-Triazol-4-ylmethanamine: An Efficient Nano-particle-Heterogeneous Catalyst Activate for Suzuki Reaction. <i>Catalysis Letters</i> , 2022, 152, 2186-2199.	1.4	1
13	Synthesis, biological and theoretical properties of crystal zinc complex with thiosemicarbazone of glyoxylic acid. <i>Journal of Molecular Structure</i> , 2022, 1248, 131470.	1.8	12
14	Effects of some phenolic compounds on the inhibition of β -glucosidase enzyme-immobilized on Pluronic $\text{F}127$ micelles: An in vitro and in silico study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 632, 127839.	2.3	14
15	Novel amino acid Schiff base Zn(II) complexes as new therapeutic approaches in diabetes and Alzheimer's disease: Synthesis, characterization, biological evaluation, and molecular docking studies. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e22969.	1.4	11
16	Biology \ddot{u} oriented drug synthesis and evaluation of secnidazole esters as novel enzyme \ddot{u} nhibitors. <i>Archiv Der Pharmazie</i> , 2022, 355, e2100376.	2.1	3
17	Selenourea and thiourea derivatives of chiral and achiral enetetramines: Synthesis, characterization and enzyme inhibitory properties. <i>Bioorganic Chemistry</i> , 2022, 120, 105566.	2.0	26
18	Polyphenol Contents, Potential Antioxidant, Anticholinergic and Antidiabetic Properties of Mountain Mint (<i>Cyclotrichium leucotrichum</i>). <i>Chemistry and Biodiversity</i> , 2022, 19, .	1.0	27

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19	Cytotoxicity effects and biochemical investigation of novel tetrakis-phthalocyanines bearing 2-thiocytosine moieties with molecular docking studies. <i>Inorganic Chemistry Communication</i> , 2022, 138, 109263.	1.8	13
20	Synthesis, and in vitro biological evaluations of novel naphthoquinone conjugated to aryl triazole acetamide derivatives as potential anti-Alzheimer agents. <i>Journal of Molecular Structure</i> , 2022, 1255, 132229.	1.8	10
21	New 4-phenylpiperazine-carbodithioate-N-phenylacetamide hybrids: Synthesis, in vitro and in silico evaluations against cholinesterase and α -glucosidase enzymes. <i>Archiv Der Pharmazie</i> , 2022, 355, e2100313.	2.1	11
22	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> , 2022, 36, e23018.	1.4	14
23	Benzimidazolium salts bearing the trifluoromethyl group as organofluorine compounds: Synthesis, characterization, crystal structure, in silico study, and inhibitory profiles against acetylcholinesterase and α -glucosidase. <i>Journal of Biochemical and Molecular Toxicology</i> , 2022, 36, e23001.	1.4	12
24	Some phenolic natural compounds as carbonic anhydrase inhibitors: An in vitro and in silico study. <i>Archiv Der Pharmazie</i> , 2022, 355, e2100476.	2.1	10
25	In silico analysis of the molecular interaction and bioavailability properties between some alkaloids and human serum albumin. <i>Structural Chemistry</i> , 2022, 33, 1199-1212.	1.0	14
26	Assessment of antimicrobial and enzymes inhibition effects of <i>Allium kastambulense</i> with in silico studies: Analysis of its phenolic compounds and flavonoid contents. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103810.	2.3	12
27	1,3-dipolar cycloaddition reactions of the compound obtaining from cyclopentadiene-PTAD and biological activities of adducts formed selectively. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 864-878.	1.4	5
28	Evaluation of synthetic 2-aryl quinoxaline derivatives as α -amylase, α -glucosidase, acetylcholinesterase, and butyrylcholinesterase inhibitors. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 653-668.	3.6	22
29	The Evaluation of Anticancer, Antioxidant, Antidiabetic and Anticholinergic Potentials of Endemic <i>Rhabdosciadium microcalycinum</i> Supported by Molecular Docking Study. <i>ChemistrySelect</i> , 2022, 7, .	0.7	7
30	Determination of biological studies and molecular docking calculations of isatin-thiosemicarbazone hybrid compounds. <i>Journal of Molecular Structure</i> , 2022, 1264, 133249.	1.8	18
31	Synthesis, Characterization, Molecular Docking, Acetylcholinesterase and α -Glucosidase Inhibition Profiles of Nitrogen-Based Novel Heterocyclic Compounds. <i>ChemistrySelect</i> , 2022, 7, .	0.7	20
32	Phytochemical Analysis and Biological Evaluation of <i>Hypericum linarioides</i> Bosse: in Vitro and in Silico Studies. <i>ChemistrySelect</i> , 2022, 7, .	0.7	8
33	Improvement of photochemical and enzyme inhibition properties of new BODIPY compound by conjugation with cisplatin. <i>Polyhedron</i> , 2022, 225, 116042.	1.0	5
34	Benzenesulfonamide derivatives as potent acetylcholinesterase, α -glucosidase, and glutathione S-transferase inhibitors: biological evaluation and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 5449-5460.	2.0	69
35	Cytotoxic effects, carbonic anhydrase isoenzymes, α -glucosidase and acetylcholinesterase inhibitory properties, and molecular docking studies of heteroatom-containing sulfonyl hydrazone derivatives. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 5539-5550.	2.0	38
36	The biological activities, molecular docking studies, and anticancer effects of 1-arylsulphonylpyrazole derivatives. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 1-11.	2.0	39

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37	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> , 2021, 39, 3693-3702.	2.0	29
38	Synthesis, characterization, crystal structure and bioactivity properties of the benzimidazole-functionalized PEPPSI type of Pd(II)NHC complexes. <i>Journal of Molecular Structure</i> , 2021, 1228, 129442.	1.8	32
39	Synthesis, characterization, biological activity and molecular docking studies of novel schiff bases derived from thiosemicarbazide: Biochemical and computational approach. <i>Journal of Molecular Structure</i> , 2021, 1231, 129666.	1.8	27
40	Novel silver(I) heterocyclic carbene complexes bearing 2-(4-hydroxyphenyl)ethyl group: Synthesis, characterization, and enzyme inhibition properties. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 603-611.	1.4	10
41	Synthesis, characterization and bioactivities of dative donor ligand N-heterocyclic carbene (NHC) precursors and their Ag(I)NHC coordination compounds. <i>Polyhedron</i> , 2021, 193, 114866.	1.0	38
42	Probing 4-(diethylamino)-salicylaldehyde-based thiosemicarbazones as multi-target directed ligands against cholinesterases, carbonic anhydrases and α -glycosidase enzymes. <i>Bioorganic Chemistry</i> , 2021, 107, 104554.	2.0	54
43	Synthesis, molecular docking, and biological activities of new cyanopyridine derivatives containing phenylurea. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000334.	2.1	23
44	Design, synthesis, characterization, enzymatic inhibition evaluations, and docking study of novel quinazolinone derivatives. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 1-12.	3.6	40
45	Synthesis, characterization, crystal structure, α -glycosidase, and acetylcholinesterase inhibitory properties of 1,3-disubstituted benzimidazolium salts. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000422.	2.1	16
46	Oleuropein and Verbascoside - Their Inhibition Effects on Carbonic Anhydrase and Molecular Docking Studies. <i>Journal of Oleo Science</i> , 2021, 70, 1275-1283.	0.6	10
47	Supramolecular complexes of Ni (II) and Co (II) 4-aminobenzoate with 3-cyanopyridine: Synthesis, spectroscopic characterization, crystal structure, and enzyme inhibitory properties. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6182.	1.7	7
48	Design, synthesis, molecular docking, and some metabolic enzyme inhibition properties of novel quinazolinone derivatives. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000455.	2.1	25
49	Biologically active phthalocyanine metal complexes: Preparation, evaluation of α -glycosidase and anticholinesterase enzyme inhibition activities, and molecular docking studies. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, 1-9.	1.4	26
50	Synthesis, Characterization, and Inhibition Study of Novel Substituted Phenylureido Sulfaguanidine Derivatives as α -Glycosidase and Cholinesterase Inhibitors. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000958.	1.0	67
51	Synthesis and docking calculations of tetrafluoronaphthalene derivatives and their inhibition profiles against some metabolic enzymes. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000409.	2.1	13
52	PEPPSI type Pd(II)NHC complexes bearing chloro-/fluorobenzyl group: Synthesis, characterization, crystal structures, α -glycosidase and acetylcholinesterase inhibitory properties. <i>Polyhedron</i> , 2021, 198, 115060.	1.0	29
53	New quinoxalin-1,3,4-oxadiazole derivatives: Synthesis, characterization, in vitro biological evaluations, and molecular modeling studies. <i>Archiv Der Pharmazie</i> , 2021, 354, e2000471.	2.1	12
54	ADME properties, bioactivity and molecular docking studies of 4-amino-chalcone derivatives: new analogues for the treatment of Alzheimer, glaucoma and epileptic diseases. <i>In Silico Pharmacology</i> , 2021, 9, 34.	1.8	12

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55	Silver π -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> , 2021, 35, e6312.	1.7	17
56	Photocatalytic degradation of Rhodamine B (RhB) dye in waste water and enzymatic inhibition study using cauliflower shaped ZnO nanoparticles synthesized by a novel One-pot green synthesis method. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103180.	2.3	111
57	Fatty acid composition, enzyme inhibitory effect, antioxidant and anticancer activity of extract from <i>Saponaria prostrata</i> WILLD. subsp. <i>anatolica</i> HEDGE. <i>Bioorganic Chemistry</i> , 2021, 113, 105032.	2.0	8
58	Novel potential metabolic enzymes inhibitor, photosensitizer and antibacterial agents based on water-soluble phthalocyanine bearing imidazole derivative. <i>Journal of Molecular Structure</i> , 2021, 1237, 130402.	1.8	30
59	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 α -Glucosidase. <i>Cumhuriyet Science Journal</i> , 2021, 42, 553-564.	0.1	3
60	Synthesis, biological activity and docking calculations of bis-naphthoquinone derivatives from Lawsone. <i>Bioorganic Chemistry</i> , 2021, 114, 105069.	2.0	33
61	Composition characterization and biological activity study of <i>Thymbra spicata</i> L. var. <i>spicata</i> essential oil. <i>Cumhuriyet Science Journal</i> , 2021, 42, 565-575.	0.1	4
62	Design, synthesis, in vitro and in silico biological assays of new quinazolinone-2-thio-metronidazole derivatives. <i>Journal of Molecular Structure</i> , 2021, 1244, 130889.	1.8	9
63	Cytotoxic effect, spectroscopy, DFT, enzyme inhibition, and molecular docking studies of some novel mesitylaminopropanols: Antidiabetic and anticholinergics and anticancer potentials. <i>Journal of Molecular Liquids</i> , 2021, 344, 117761.	2.3	29
64	Investigation of the effects of cephalosporin antibiotics on glutathione S-transferase activity in different tissues of rats <i>in vivo</i> conditions in order to drug development research. <i>Drug and Chemical Toxicology</i> , 2020, 43, 423-428.	1.2	24
65	Novel zinc compound with thiosemicarbazone of glyoxylic acid: Synthesis, crystal structure, and bioactivity properties. <i>Journal of Molecular Structure</i> , 2020, 1200, 127082.	1.8	10
66	Anti-Alzheimer, antidiabetic and antioxidant potential of <i>Satureja cuneifolia</i> and analysis of its phenolic contents by LC-MS/MS. <i>Arabian Journal of Chemistry</i> , 2020, 13, 4528-4537.	2.3	83
67	Synthesis, spectroscopic properties, crystal structures, antioxidant activities and enzyme inhibition determination of Co(II) and Fe(II) complexes of Schiff base. <i>Research on Chemical Intermediates</i> , 2020, 46, 283-297.	1.3	48
68	The Influence of Some Nonsteroidal Anti-inflammatory Drugs on Metabolic Enzymes of Aldose Reductase, Sorbitol Dehydrogenase, and α -Glucosidase: a Perspective for Metabolic Disorders. <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 437-447.	1.4	49
69	Novel carvacrol based new oxypropanolamine derivatives: Design, synthesis, characterization, biological evaluation, and molecular docking studies. <i>Journal of Molecular Structure</i> , 2020, 1202, 127297.	1.8	35
70	Anticholinergic, antidiabetic and antioxidant activities of Anatolian pennyroyal (<i>Mentha</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (p Biotechnology, 2020, 23, 101441.	1.5	84
71	Synthesis, characterization and biological evaluation of π -substituted triazinane- α -thiones and theoretical experimental mechanism of condensation reaction. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5329.	1.7	8
72	Novel 2-methylimidazolium salts: Synthesis, characterization, molecular docking, and carbonic anhydrase and acetylcholinesterase inhibitory properties. <i>Bioorganic Chemistry</i> , 2020, 94, 103468.	2.0	49

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73	Synthesis, characterization, biological evaluation, and molecular docking studies of some piperonyl-based 4-thiazolidinone derivatives. <i>Archiv Der Pharmazie</i> , 2020, 353, e1900304.	2.1	29
74	Synthesis of nitrogen, phosphorus, selenium and sulfur-containing heterocyclic compounds and Determination of their carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and α -glucosidase inhibition properties. <i>Bioorganic Chemistry</i> , 2020, 103, 104171.	2.0	64
75	Novel cyclic thiourea derivatives of aminoalcohols at the presence of AlCl ₃ catalyst as potent α -glucosidase and α -amylase inhibitors: Synthesis, characterization, bioactivity investigation and molecular docking studies. <i>Bioorganic Chemistry</i> , 2020, 104, 104216.	2.0	25
76	Probing 2-acetylbenzofuran hydrazones and their metal complexes as α -glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2020, 102, 104082.	2.0	37
77	Chemical characterization and neuroprotective properties of copper nanoparticles green-synthesized by <i>Nigella sativa</i> L. seed aqueous extract against methadone-induced cell death in adrenal pheochromocytoma (PC12) cell line. <i>Journal of Experimental Nanoscience</i> , 2020, 15, 280-296.	1.3	11
78	Novel quinazolin-sulfonamid derivatives: synthesis, characterization, biological evaluation, and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-12.	2.0	9
79	Determination of the inhibition profiles of pyrazolyl-thiazole derivatives against aldose reductase and α -glucosidase and molecular docking studies. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000118.	2.1	58
80	Cholinesterases, α -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> , 2020, 97, 103647.	2.0	53
81	Assessments of anticholinergic, antidiabetic, antioxidant activities and phenolic content of <i>Stachys annua</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 28, 101711.	1.5	68
82	In vitro inhibitory effects of some acetophenone derivatives on some metabolic enzymes and molecular docking. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000210.	2.1	3
83	Synthesis, characterization, and biological studies of chalcone derivatives containing Schiff bases: Synthetic derivatives for the treatment of epilepsy and Alzheimer's disease. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000202.	2.1	22
84	Synthesis, characterization, inhibition effects, and molecular docking studies as acetylcholinesterase, α -glucosidase, and carbonic anhydrase inhibitors of novel benzenesulfonamides incorporating 1,3,5-triazine structural motifs. <i>Bioorganic Chemistry</i> , 2020, 100, 103897.	2.0	125
85	Synthesis, bioactivity and binding energy calculations of novel 3-ethoxysalicylaldehyde based thiosemicarbazone derivatives. <i>Bioorganic Chemistry</i> , 2020, 100, 103924.	2.0	27
86	Synthesis, spectroscopic characterization, crystal structure, density functional theory studies and biological properties of coordination complex Ni(II) 2-fluorobenzoate with 3-hydroxypyridine. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5802.	1.7	7
87	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> , 2020, 353, 2000030.	2.1	19
88	N-substituted pyrimidinethione and acetophenone derivatives as a new therapeutic approach in diabetes. <i>Archiv Der Pharmazie</i> , 2020, 353, 2000075.	2.1	12
89	Synthesis, characterization, biological evaluation, and in silico studies of novel 1,3-dialkyltriazene-substituted sulfathiazole derivatives. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000102.	2.1	59
90	Biogenic nano silver: Synthesis, characterization, antibacterial, antibiofilms, and enzymatic activity. <i>Advanced Powder Technology</i> , 2020, 31, 2942-2950.	2.0	34

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91	Novel piperazine and morpholine substituted quinolines: Selective synthesis through activation of 3,6,8-tribromoquinoline, characterization and their some metabolic enzymes inhibition potentials. <i>Journal of Molecular Structure</i> , 2020, 1220, 128666.	1.8	23
92	Quinoline-based promising anticancer and antibacterial agents, and some metabolic enzyme inhibitors. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000086.	2.1	29
93	A Novel Ag-N-Heterocyclic Carbene Complex Bearing the Hydroxyethyl Ligand: Synthesis, Characterization, Crystal and Spectral Structures and Bioactivity Properties. <i>Crystals</i> , 2020, 10, 171.	1.0	42
94	Evaluation of in vitro inhibitory effects of some natural compounds on tyrosinase activity and molecular docking study: Antimelanogenesis potential. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22566.	1.4	19
95	Synthesis, characterization, molecular docking, and biological activities of coumarin-1,2,3-triazole-acetamide hybrid derivatives. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000109.	2.1	50
96	Bioactivity and molecular docking studies of some nickel complexes: New analogues for the treatment of Alzheimer, glaucoma and epileptic diseases. <i>Bioorganic Chemistry</i> , 2020, 101, 104066.	2.0	25
97	Novel amine-functionalized benzimidazolium salts: Synthesis, characterization, bioactivity, and molecular docking studies. <i>Journal of Molecular Structure</i> , 2020, 1207, 127802.	1.8	34
98	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> , 2020, 27, 10607-10616.	2.7	63
99	Novel functionally substituted esters based on sodium diethyldithiocarbamate derivatives: Synthesis, characterization, biological activity and molecular docking studies. <i>Bioorganic Chemistry</i> , 2020, 99, 103762.	2.0	44
100	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> , 2020, 396, 112511.	2.0	32
101	Synthesis of water soluble tetra-substituted phthalocyanines: Investigation of DNA cleavage, cytotoxic effects and metabolic enzymes inhibition. <i>Journal of Molecular Structure</i> , 2020, 1214, 128210.	1.8	31
102	2 H-indazolo [2,1-b]phthalazine-trione derivatives: Inhibition on some metabolic enzymes and molecular docking studies. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 3116-3125.	1.4	8
103	Synthesis and antioxidant activities of phenol derivatives from 1,6-bis(dimethoxyphenyl)hexane-1,6-dione. <i>Bioorganic Chemistry</i> , 2020, 100, 103884.	2.0	56
104	Novel propanolamine derivatives attached to 2-metoxifenol moiety: Synthesis, characterization, biological properties, and molecular docking studies. <i>Bioorganic Chemistry</i> , 2020, 101, 103969.	2.0	44
105	Synthesis, characterization, crystal structures, theoretical calculations and biological evaluations of novel substituted tacrine derivatives as cholinesterase and carbonic anhydrase enzymes inhibitors. <i>Journal of Molecular Structure</i> , 2019, 1175, 906-915.	1.8	64
106	Screening the in vitro antioxidant, antimicrobial, anticholinesterase, antidiabetic activities of endemic <i>Achillea cucullata</i> (Asteraceae) ethanol extract. <i>South African Journal of Botany</i> , 2019, 120, 141-145.	1.2	163
107	Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties. <i>Bioorganic Chemistry</i> , 2019, 91, 103134.	2.0	132
108	Novel tribenzylaminobenzolsulphonylimine based on their pyrazine and pyridazines: Synthesis, characterization, antidiabetic, anticancer, anticholinergic, and molecular docking studies. <i>Bioorganic Chemistry</i> , 2019, 93, 103313.	2.0	60

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109	Synthesis of α -amino acid derivatives and their inhibitory profiles against some metabolic enzymes. <i>Archiv Der Pharmazie</i> , 2019, 352, e1900200.	2.1	10
110	The effects of zingerone against vancomycin-induced lung, liver, kidney and testis toxicity in rats: The behavior of some metabolic enzymes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22381.	1.4	64
111	Purification and characterization of the carbonic anhydrase enzyme from horse mackerel (<i>Trachurus</i>) Tj ETQq1 1 0.784314 rgBT /Over Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 226, 108605.	1.3	37
112	Pyrazole[3,4-d]pyridazine derivatives: Molecular docking and explore of acetylcholinesterase and carbonic anhydrase enzymes inhibitors as anticholinergics potentials. <i>Bioorganic Chemistry</i> , 2019, 92, 103213.	2.0	55
113	Mono- or di-substituted imidazole derivatives for inhibition of acetylcholine and butyrylcholine esterases. <i>Bioorganic Chemistry</i> , 2019, 86, 187-196.	2.0	74
114	Synthesis, characterization, molecular docking and biological activities of novel pyrazoline derivatives. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800359.	2.1	59
115	Preliminary phytochemical analysis and evaluation of in vitro antioxidant, antiproliferative, antidiabetic, and anticholinergics effects of endemic <i>Gypsophila</i> taxa from Turkey. <i>Journal of Food Biochemistry</i> , 2019, 43, e12908.	1.2	29
116	Antidiabetic properties of dietary phenolic compounds: Inhibition effects on α -amylase, aldose reductase, and α -glucosidase. <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 781-786.	1.4	79
117	Synthesis and biological evaluation of bromophenol derivatives with cyclopropyl moiety: Ring opening of cyclopropane with monoester. <i>Bioorganic Chemistry</i> , 2019, 89, 103017.	2.0	77
118	Novel eugenol bearing oxypropanolamines: Synthesis, characterization, antibacterial, antidiabetic, and anticholinergic potentials. <i>Bioorganic Chemistry</i> , 2019, 88, 102931.	2.0	83
119	Sage (<i>Salvia pilifera</i>): determination of its polyphenol contents, anticholinergic, antidiabetic and antioxidant activities. <i>Journal of Food Measurement and Characterization</i> , 2019, 13, 2062-2074.	1.6	70
120	Synthesis and investigation of anticancer, antibacterial activities and carbonic anhydrase, acetylcholinesterase inhibition profiles of novel (3aR,4S,7R,7aS)-2-[4-[1-acetyl-5-(aryl/heteroaryl)-4,5-dihydro-1H-pyrazol-3-yl]phenyl]-3a,4,7,7a-tetrahydro-1H-4,7-methanoisoindole-1,3-dione. <i>Monatshefte für Chemie</i> , 2019, 150, 721-731.	0.9	31
121	Tannic acid as a natural antioxidant compound: Discovery of a potent metabolic enzyme inhibitor for a new therapeutic approach in diabetes and Alzheimer's disease. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22340.	1.4	52
122	Synthesis, biological evaluation and molecular docking of novel pyrazole derivatives as potent carbonic anhydrase and acetylcholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 86, 420-427.	2.0	153
123	The antidiabetic and anticholinergic effects of chrysin on cyclophosphamide-induced multiple organ toxicity in rats: Pharmacological evaluation of some metabolic enzyme activities. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22313.	1.4	101
124	Aminopyrazole-substituted metallophthalocyanines: Preparation, aggregation behavior, and investigation of metabolic enzymes inhibition properties. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800292.	2.1	30
125	Synthesis, crystal structure, and biological evaluation of optically active 2-amino-4-aryl-7,7-dimethyl-5,6,7,8-tetrahydro-4H-chromen-3-carbonitriles: Antiepileptic, antidiabetic, and anticholinergics potentials. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800317.		
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128	Imidazolium chloride salts bearing wingtip groups: Synthesis, molecular docking and metabolic enzymes inhibition. <i>Journal of Molecular Structure</i> , 2019, 1179, 709-718.	1.8	84
129	The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach. <i>Journal of Food Biochemistry</i> , 2019, 43, e12720.	1.2	125
130	Phytochemical content, antioxidant activity, and enzyme inhibition effect of <i>Salvia eriophora</i> Boiss. & Kotschy against acetylcholinesterase, α -amylase, butyrylcholinesterase, and α -glucosidase enzymes. <i>Journal of Food Biochemistry</i> , 2019, 43, e12776.	1.2	128
131	In vitro cytotoxic and in vivo antitumoral activities of some aminomethyl derivatives of 2,4-dihydro-1,2,4-triazole-3-thiones" Evaluation of their acetylcholinesterase and carbonic anhydrase enzymes inhibition profiles. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22239.		46
132	Novel morpholine liganded Pd-based N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure, antidiabetic and anticholinergic properties. <i>Polyhedron</i> , 2019, 159, 345-354.	1.0	69
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134	The effects of some antibiotics from cephalosporin groups on the acetylcholinesterase and butyrylcholinesterase enzymes activities in different tissues of rats. <i>Archives of Physiology and Biochemistry</i> , 2019, 125, 12-18.	1.0	47
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138	Synthesis and discovery of potent carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase, and α -glucosidase enzymes inhibitors: The novel <i>N,N</i> -bis(cyanomethyl)amine and alkoxymethylamine derivatives. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22042.	1.4	72
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140	The effects of wireless electromagnetic fields on the activities of carbonic anhydrase and acetylcholinesterase enzymes in various tissues of rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22031.	1.4	14
141	Synthesis and investigation of the conversion reactions of pyrimidine-thiones with nucleophilic reagent and evaluation of their acetylcholinesterase, carbonic anhydrase inhibition, and antioxidant activities. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22019.	1.4	53
142	Synthesis and biological evaluation of phloroglucinol derivatives possessing α -glucosidase, acetylcholinesterase, butyrylcholinesterase, carbonic anhydrase inhibitory activity. <i>Archiv Der Pharmazie</i> , 2018, 351, 1700314.	2.1	79
143	Inhibitory effects of some drugs on carbonic anhydrase enzyme purified from Kangal Akkaraman sheep in Sivas, Turkey. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22000.	1.4	15
144	2-Hydroxyethyl substituted NHC precursors: Synthesis, characterization, crystal structure and carbonic anhydrase, α -glucosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties. <i>Journal of Molecular Structure</i> , 2018, 1155, 797-806.	1.8	121

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149	Antidiabetic potential: <i>In vitro</i> inhibition effects of bromophenol and diarylmethanones derivatives on metabolic enzymes. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800263.	2.1	89
150	Synthesis and characterization of novel substituted thiophene derivatives and discovery of their carbonic anhydrase and acetylcholinesterase inhibition effects. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 33, e22261.	1.4	29
151	Synthesis, characterization, antioxidant, antidiabetic, anticholinergic, and antiepileptic properties of novel <i>N</i> -substituted tetrahydropyrimidines based on phenylthiourea. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018, 32, e22221.	1.4	30
152	Some pyrazoles derivatives: Potent carbonic anhydrase, α -glycosidase, and cholinesterase enzymes inhibitors. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800200.	2.1	62
153	Novel sulfamate derivatives of menthol: Synthesis, characterization, and cholinesterases and carbonic anhydrase enzymes inhibition properties. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800209.	2.1	37
154	<i>meta</i> -cyanobenzyl substituted benzimidazolium salts: Synthesis, characterization, crystal structure and carbonic anhydrase, α -glycosidase, butyrylcholinesterase, and acetylcholinesterase inhibitory properties. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800029.	2.1	62
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164	Novel Benzylic Substituted Imidazolium, Tetrahydropyrimidinium and Tetrahydrodiazepinium Salts: Potent Carbonic Anhydrase and Acetylcholinesterase Inhibitors. <i>ChemistrySelect</i> , 2018, 3, 7976-7982.	0.7	68
165	Schiff bases and their amines: Synthesis and discovery of carbonic anhydrase and acetylcholinesterase enzymes inhibitors. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800146.	2.1	33
166	Synthesis, characterization, crystal structure, electrochemical studies and biological evaluation of metal complexes with thiosemicarbazone of glyoxylic acid. <i>Polyhedron</i> , 2018, 155, 25-33.	1.0	117
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