Fikret TÃ¼rkan

List of Publications by Year
in descending order

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301 papers	26,485 citations	3919 88 h-index	8370 147 g-index
301 all docs	301 docs citations	301 times ranked	15877 citing authors

#	Article	IF	Citations
1	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
2	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
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. Journal of Biomolecular Structure and Dynamics, 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. Journal of Biomolecular Structure and Dynamics, 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 Î±-glycosidase enzymes inhibitors. Journal of Biomolecular Structure and Dynamics, 2022, 40, 236-248.	2.0	32
6	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
7	Possible inhibition mechanism of dobutamine hydrochloride as potent inhibitor for human glucose-6-phosphate dehydrogenase enzyme. Journal of Biomolecular Structure and Dynamics, 2022, 40, 204-212.	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	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
11	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
12	Biological Activity and Molecular Docking Study of Some Bicyclic Structures: Antidiabetic and Anticholinergic Potentials. Polycyclic Aromatic Compounds, 2022, 42, 6003-6016.	1.4	8
13	Discovery of sulfadrugâ€“pyrrole conjugates as carbonic anhydrase and acetylcholinesterase inhibitors. Archiv Der Pharmazie, 2022, 355, e2100242.	2.1	156
14	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
15	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
16	Selenourea and thiourea derivatives of chiral and achiral enetetramines: Synthesis, characterization and enzyme inhibitory properties. Bioorganic Chemistry, 2022, 120, 105566.	2.0	26
17	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
18	Polyphenol Contents, Potential Antioxidant, Anticholinergic and Antidiabetic Properties of Mountain Mint (Cyclotrichium leucotrichum). Chemistry and Biodiversity, 2022, 19, .	1.0	27

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19	Metal Ions, Metal Chelators and Metal Chelating Assay as Antioxidant Method. Processes, 2022, 10, 132.	1.3	110
20	Synthesis, molecular docking and some metabolic enzyme inhibition properties of biphenyl-substituted chalcone derivatives. Journal of Molecular Structure, 2022, 1254, 132358.	1.8	25
21	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
22	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
23	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
24	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
25	Screening of Carbonic Anhydrase, Acetylcholinesterase, Butyrylcholinesterase, and Î±-Glycosidase Enzyme Inhibition Effects and Antioxidant Activity of Coumestrol. Molecules, 2022, 27, 3091.	1.7	37
26	Synthesis, Characterization, Molecular Docking, Acetylcholinesterase and Î±â€Glycosidase Inhibition Profiles of Nitrogenâ€Based Novel Heterocyclic Compounds. ChemistrySelect, 2022, 7, .	0.7	20
27	Synthesis and Enzyme Inhibitory Properties of Quinoxaline Bridged Bis(imidazolium) Salts. Heterocycles, 2022, 104, .	0.4	2
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	A study on the effects of inhibition mechanism of curcumin, quercetin, and resveratrol on human glutathione reductase through in vitro and in silico approaches. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1744-1753.	2.0	23
36	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

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37	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
38	Synthesis, characterization, biological activity and molecular docking studies of novel schiff bases derived from thiosemicarbazide: Biochemical and computational approach. Journal of Molecular Structure, 2021, 1231, 129666.	1.8	27
39	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
40	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
41	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
42	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
43	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
44	Comparison of the protective effects of curcumin and caffeic acid phenethyl ester against doxorubicinâ€induced testicular toxicity. Andrologia, 2021, 53, e13919.	1.0	8
45	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
46	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
47	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
48	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
49	Design, synthesis, molecular docking, and some metabolic enzymeÂinhibition properties of novel quinazolinone derivatives. Archiv Der Pharmazie, 2021, 354, e2000455.	2.1	25
50	Determination of Phenolic Content, Biological Activity, and Enzyme Inhibitory Properties with Molecular Docking Studies of <i>Rumex nepalensis</i>, an Endemic Medicinal Plant. Journal of Food and Nutrition Research (Newark, Del), 2021, 9, 114-123.	0.1	13
51	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
52	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
53	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
54	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

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55	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
56	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
57	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
58	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
59	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
60	Synthesis, biological activity and docking calculations of bis-naphthoquinone derivatives from Lawsone. Bioorganic Chemistry, 2021, 114, 105069.	2.0	33
61	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
62	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
63	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
64	Enzyme inhibitory function and phytochemical profile of Inula discoidea using in vitro and in silico methods. Biophysical Chemistry, 2021, 277, 106629.	1.5	24
65	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
66	The toxicological impact of some agents on glutathione S-transferase and cholinesterase enzymes. , 2021, , 281-290.		1
67	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	2
68	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
69	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
70	Evaluation of the Antioxidant and Antiradical Properties of Some Phyto and Mammalian Lignans. Molecules, 2021, 26, 7099.	1.7	32
71	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
72	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

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73	ICP-MS and HPLC analyses, enzyme inhibition and antioxidant potential of Achillea schischkinii Sosn.. Bioorganic Chemistry, 2020, 94, 103333.	2.0	74
74	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
75	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
76	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
77	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
78	Lactoperoxidase inhibition of some natural phenolic compounds: Kinetics and molecular docking studies. Journal of Food Biochemistry, 2020, 44, e13132.	1.2	11
79	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
80	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
81	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
82	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
83	Synthesis, characterization, biological evaluation, and molecular docking studies of some piperonylâ€based 4â€thiazolidinone derivatives. Archiv Der Pharmazie, 2020, 353, e1900304.	2.1	29
84	Novel quinazolinâ€“sulfonamid derivatives: synthesis, characterization, biological evaluation, and molecular docking studies. Journal of Biomolecular Structure and Dynamics, 2020, , 1-12.	2.0	9
85	Evaluation of some thiophene-based sulfonamides as potent inhibitors of carbonic anhydrase I and II isoenzymes isolated from human erythrocytes by kinetic and molecular modelling studies. Pharmacological Reports, 2020, 72, 1738-1748.	1.5	14
86	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
87	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
88	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
89	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
90	N â€Substituted pyrimidinethione and acetophenone derivatives as a new therapeutic approach in diabetes. Archiv Der Pharmazie, 2020, 353, 2000075.	2.1	12

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91	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
92	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
93	Antioxidants and antioxidant methods: an updated overview. Archives of Toxicology, 2020, 94, 651-715.	1.9	949
94	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
95	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
96	Novel amine-functionalized benzimidazolium salts: Synthesis, characterization, bioactivity, and molecular docking studies. Journal of Molecular Structure, 2020, 1207, 127802.	1.8	34
97	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
98	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
99	Screening of non-alkaloid acetylcholinesterase and carbonic anhydrase isoenzymes inhibitors of Leiotulus dasyanthus (K. Koch) Pimenov & Ostr. (Apiaceae). Journal of Essential Oil Research, 2020, 32, 227-241.	1.3	9
100	Synthesis, characterization, photo-physicochemical and biological properties of water-soluble tetra-substituted phthalocyanines: Antidiabetic, anticancer and anticholinergic potentials. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 396, 112511.	2.0	32
101	Synthesis of water soluble tetra-substituted phthalocyanines: Investigation of DNA cleavage, cytotoxic effects and metabolic enzymes inhibition. Journal of Molecular Structure, 2020, 1214, 128210.	1.8	31
102	2 H â€indazolo [2,1â€b]phthalazineâ€trione derivatives: Inhibition on some metabolic enzymes and molecular docking studies. Journal of Heterocyclic Chemistry, 2020, 57, 3116-3125.	1.4	8
103	Synthesis and antioxidant activities of phenol derivatives from 1,6-bis(dimethoxyphenyl)hexane-1,6-dione. Bioorganic Chemistry, 2020, 100, 103884.	2.0	56
104	Novel propanolamine derivatives attached to 2-metoxifenol moiety: Synthesis, characterization, biological properties, and molecular docking studies. Bioorganic Chemistry, 2020, 101, 103969.	2.0	44
105	Potent Acetylcholinesterase Inhibitors: Potential Drugs for Alzheimerâ€™s Disease. Mini-Reviews in Medicinal Chemistry, 2020, 20, 703-715.	1.1	68
106	In Vitro Inhibition Effect and Molecular Docking Study of Curcumin, Resveratrol, and Quercetin on Human Erythrocyte Glutathione Transferase. Current Enzyme Inhibition, 2020, 15, 197-205.	0.3	4
107	The behavior of some chalcones on acetylcholinesterase and carbonic anhydrase activity. Drug and Chemical Toxicology, 2019, 42, 634-640.	1.2	51
108	Synthesis, characterization, crystal structures, theoretical calculations and biological evaluations of novel substituted tacrine derivatives as cholinesterase and carbonic anhydrase enzymes inhibitors. Journal of Molecular Structure, 2019, 1175, 906-915.	1.8	64

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109	Novel 2-aminopyridine liganded Pd(II) N-heterocyclic carbene complexes: Synthesis, characterization, crystal structure and bioactivity properties. Bioorganic Chemistry, 2019, 91, 103134.	2.0	132
110	Synthesis and biological evaluation of some new mono Mannich bases with piperazines as possible anticancer agents and carbonic anhydrase inhibitors. Bioorganic Chemistry, 2019, 90, 103095.	2.0	53
111	The green synthesis and molecular docking of novel N-substituted rhodanines as effective inhibitors for carbonic anhydrase and acetylcholinesterase enzymes. Bioorganic Chemistry, 2019, 90, 103096.	2.0	71
112	Novel tribenzylaminobenzolsulphonylimine based on their pyrazine and pyridazines: Synthesis, characterization, antidiabetic, anticancer, anticholinergic, and molecular docking studies. Bioorganic Chemistry, 2019, 93, 103313.	2.0	60
113	Synthesis of Î²â€amino acid derivatives and their inhibitory profiles against some metabolic enzymes. Archiv Der Pharmazie, 2019, 352, e1900200.	2.1	10
114	Synthesis of novel bisâ€sulfone derivatives and their inhibition properties on some metabolic enzymes including carbonic anhydrase, acetylcholinesterase, and butyrylcholinesterase. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22401.	1.4	8
115	Phytochemical Content, Antidiabetic, Anticholinergic, and Antioxidant Activities of Endemic Lecokia cretica Extracts. Chemistry and Biodiversity, 2019, 16, e1900341.	1.0	38
116	The effects of zingerone against vancomycinâ€induced lung, liver, kidney and testis toxicity in rats: The behavior of some metabolic enzymes. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22381.	1.4	64
117	Purification and characterization of the carbonic anhydrase enzyme from horse mackerel (Trachurus) Tj ETQq1 1 0.784314 rgBT /Overlo Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 226, 108605.	1.3	37
118	Pyrazole[3,4-d]pyridazine derivatives: Molecular docking and explore of acetylcholinesterase and carbonic anhydrase enzymes inhibitors as anticholinergics potentials. Bioorganic Chemistry, 2019, 92, 103213.	2.0	55
119	Design, synthesis, in vitro and in vivo evaluation of novel pyrrolizine-based compounds with potential activity as cholinesterase inhibitors and anti-Alzheimer's agents. Bioorganic Chemistry, 2019, 93, 103312.	2.0	31
120	Mono- or di-substituted imidazole derivatives for inhibition of acetylcholine and butyrylcholine esterases. Bioorganic Chemistry, 2019, 86, 187-196.	2.0	74
121	Synthesis, characterization, molecular docking and biological activities of novel pyrazoline derivatives. Archiv Der Pharmazie, 2019, 352, e1800359.	2.1	59
122	In vivo biochemical evaluations of some Î²-lactam group antibiotics on glutathione reductase and glutathione S- transferase enzyme activities. Life Sciences, 2019, 231, 116572.	2.0	7
123	Spectroscopic and Structural Characterization, Enzyme Inhibitions, and Antioxidant Effects of New Ru(II) and Ni(II) Complexes of Schiff Base. Chemistry and Biodiversity, 2019, 16, e1900243.	1.0	29
124	Antidiabetic properties of dietary phenolic compounds: Inhibition effects on Î±â€amylase, aldose reductase, and Î±â€glycosidase. Biotechnology and Applied Biochemistry, 2019, 66, 781-786.	1.4	79
125	Synthesis and biological evaluation of bromophenol derivatives with cyclopropyl moiety: Ring opening of cyclopropane with monoester. Bioorganic Chemistry, 2019, 89, 103017.	2.0	77
126	New phenolic Mannich bases with piperazines and their bioactivities. Bioorganic Chemistry, 2019, 90, 103057.	2.0	45

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127	Glutathione S-Transferase: Purification and Characterization of from Cherry Laurel (Prunus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Enzyme Activity. BioNanoScience, 2019, 9, 683-691.	1.5	9
128	Novel eugenol bearing oxypropanolamines: Synthesis, characterization, antibacterial, antidiabetic, and anticholinergic potentials. Bioorganic Chemistry, 2019, 88, 102931.	2.0	83
129	Sage (Salvia pilifera): determination of its polyphenol contents, anticholinergic, antidiabetic and antioxidant activities. Journal of Food Measurement and Characterization, 2019, 13, 2062-2074.	1.6	70
130	Synthesis and characterization of novel bromophenols: Determination of their anticholinergic, antidiabetic and antioxidant activities. Bioorganic Chemistry, 2019, 87, 91-102.	2.0	78
131	Measurement of anticancer, antidiabetic and anticholinergic properties of sumac (Rhus coriaria): analysis of its phenolic compounds by LCâ€“MS/MS. Journal of Food Measurement and Characterization, 2019, 13, 1607-1619.	1.6	68
132	Purification and characterization of glutathione S-transferase from blueberry fruits (Vaccinium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 2019, 5, e01422.	1.4	22
133	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. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22340.	1.4	52
134	Synthesis, biological evaluation and molecular docking of novel pyrazole derivatives as potent carbonic anhydrase and acetylcholinesterase inhibitors. Bioorganic Chemistry, 2019, 86, 420-427.	2.0	153
135	Investigation of the effects of some sulfonamides on acetylcholinesterase and carbonic anhydrase enzymes. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22300.	1.4	32
136	The antidiabetic and anticholinergic effects of chrysin on cyclophosphamideâ€induced multiple organ toxicity in rats: Pharmacological evaluation of some metabolic enzyme activities. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22313.	1.4	101
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