Malihe Moradzadeh

List of Publications by Year
in descending order

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88	4,245	66250	150775
papers	citations	44 h-index	59 g-index

88	88	88	1554
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Some calcium-channel blockers: kinetic and in silico studies on paraoxonase-I. Journal of Biomolecular Structure and Dynamics, 2022, 40, 77-85.	2.0	50
2	Some sulfonamides as aldose reductase inhibitors: therapeutic approach in diabetes. Archives of Physiology and Biochemistry, 2022, 128, 979-984.	1.0	21
3	Molecular docking and inhibition studies of vulpinic, carnosic and usnic acids on polyol pathway enzymes. Journal of Biomolecular Structure and Dynamics, 2022, 40, 12008-12021.	2.0	50
4	The effect of brimonidine and proparacaine on metabolic enzymes: Glucoseâ€6â€phosphate dehydrogenase, 6â€phosphogluconate dehydrogenase, and glutathione reductase. Biotechnology and Applied Biochemistry, 2022, 69, 281-288.	1.4	16
5	Discovery of sulfadrugâ€“pyrrole conjugates as carbonic anhydrase and acetylcholinesterase inhibitors. Archiv Der Pharmazie, 2022, 355, e2100242.	2.1	156
6	Some indazoles as alternative inhibitors for potato polyphenol oxidase. Biotechnology and Applied Biochemistry, 2022, 69, 2249-2256.	1.4	9
7	Ophthalmic drugs: in vitro paraoxonase 1 inhibition and molecular docking studies. Biotechnology and Applied Biochemistry, 2022, 69, 2273-2283.	1.4	22
8	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
9	Design, synthesis, biological evaluation and molecular docking studies of novel 1H-1,2,3-Triazole derivatives as potent inhibitors of carbonic anhydrase, acetylcholinesterase and aldose reductase. Journal of Molecular Structure, 2022, 1257, 132613.	1.8	58
10	New Pd(II) complexes of the bisthiocarbohydrazones derived from isatin and disubstituted salicylaldehydes: Synthesis, characterization, crystal structures and inhibitory properties against some metabolic enzymes. Journal of Biological Inorganic Chemistry, 2022, 27, 271-281.	1.1	30
11	Cytotoxic effect, enzyme inhibition, and in silico studies of some novel N-substituted sulfonyl amides incorporating 1,3,4-oxadiazol structural motif. Molecular Diversity, 2022, 26, 2825-2845.	2.1	56
12	Design, synthesis, and aldose reductase inhibitory effect of some novel carboxylic acid derivatives bearing 2-substituted-6-aryloxo-pyridazinone moiety. Journal of Molecular Structure, 2022, 1258, 132675.	1.8	18
13	Design, synthesis, and biological activity of novel dithiocarbamateâ€methylsulfonyl hybrids as carbonic anhydrase inhibitors. Archiv Der Pharmazie, 2022, 355, e2200132.	2.1	42
14	Synthesis and Enzyme Inhibitory Properties of Quinoxaline Bridged Bis(imidazolium) Salts. Heterocycles, 2022, 104, .	0.4	2
15	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
16	Methyl benzoate derivatives: in vitro Paraoxonase 1 inhibition and in silico studies. Journal of Biochemical and Molecular Toxicology, 2022, 36, .	1.4	20
17	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
18	Purification of the phytase enzyme from Lactobacillus plantarum: The effect on pansy growth and macroâ€micro element content. Biotechnology and Applied Biochemistry, 2021, 68, 1067-1075.	1.4	8

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19	Calcium channel blockers: molecular docking and inhibition studies on carbonic anhydrase I and II isoenzymes. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1672-1680.	2.0	67
20	An extensive research on aldose reductase inhibitory effects of new 4H-1,2,4-triazole derivatives. Journal of Molecular Structure, 2021, 1224, 129446.	1.8	34
21	Novel benzoic acid derivatives: Synthesis and biological evaluation as multitarget acetylcholinesterase and carbonic anhydrase inhibitors. Archiv Der Pharmazie, 2021, 354, e2000282.	2.1	65
22	Synthesis and in silico studies of triazeneâ€substituted sulfamerazine derivatives as acetylcholinesterase and carbonic anhydrases inhibitors. Archiv Der Pharmazie, 2021, 354, e2000243.	2.1	26
23	Synthesis of benzamide derivatives with thioureaâ€substituted benzenesulfonamides as carbonic anhydrase inhibitors. Archiv Der Pharmazie, 2021, 354, e2000230.	2.1	24
24	Synthesis and in vitro carbonic anhydrases and acetylcholinesterase inhibitory activities of novel imidazolinoneâ€based benzenesulfonamides. Archiv Der Pharmazie, 2021, 354, e2000375.	2.1	32
25	Novel Mannich bases with strong carbonic anhydrases and acetylcholinesterase inhibition effects: 3-(aminomethyl)-6-{3-[4-(trifluoromethyl)phenyl]acryloyl}-2(3H)- benzoxazolones. Turkish Journal of Chemistry, 2021, 45, 805-818.	0.5	15
26	Identification of a new class of potent aldose reductase inhibitors: Design, microwave-assisted synthesis, in vitro and in silico evaluation of 2-pyrazolines. Chemico-Biological Interactions, 2021, 345, 109576.	1.7	33
27	Transitionâ€Metal Complexes of Bidentate Schiffâ€Base Ligands: In Vitro and In Silico Evaluation as Nonâ€Classical Carbonic Anhydrase and Potential Acetylcholinesterase Inhibitors. ChemistrySelect, 2021, 6, 7278-7284.	0.7	51
28	Design, synthesis, characterization, in vitro and in silico evaluation of novel imidazo[2,1-b][1,3,4]thiadiazoles as highly potent acetylcholinesterase and non-classical carbonic anhydrase inhibitors. Bioorganic Chemistry, 2021, 113, 105009.	2.0	78
29	Novel metabolic enzyme inhibitors designed through the molecular hybridization of thiazole and pyrazoline scaffolds. Archiv Der Pharmazie, 2021, 354, e2100294.	2.1	56
30	Some old 2-(4-(Aryl)- thiazole-2-yl)-3a,4,7,7a-tetrahydro-1H-4,7-tethanoisoindole-1,3(2H)-dione derivatives: Synthesis, inhibition effects and molecular docking studies on Aldose reductase and Î±-Glycosidase. Cumhuriyet Science Journal, 2021, 42, 553-564.	0.1	3
31	Synthesis, biological evaluation, and in silico study of novel library sulfonates containing quinazolinâ€4(<scp>3H</scp>)â€one derivatives as potential aldose reductase inhibitors. Drug Development Research, 2021, , .	1.4	41
32	A new series of 2,4-thiazolidinediones endowed with potent aldose reductase inhibitory activity. Open Chemistry, 2021, 19, 347-357.	1.0	58
33	Synthesis of Nâ€alkylated pyrazolo[3,4â€d]pyrimidine analogs and evaluation of acetylcholinesterase and carbonic anhydrase inhibition properties. Archiv Der Pharmazie, 2021, 354, e2000330.	2.1	27
34	Calcium Channel Blockers: The Effect of Glutathione Sâ€Transferase Enzyme Activity and Molecular Docking Studies. ChemistrySelect, 2021, 6, 11137-11143.	0.7	29
35	Infection Medications: Assessment Inâ€Vitro Glutathione Sâ€Transferase Inhibition and Molecular Docking Study. ChemistrySelect, 2021, 6, 11915-11924.	0.7	35
36	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

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37	Molecular docking and investigation of 4-(benzylideneamino)- and 4-(benzylamino)-benzenesulfonamide derivatives as potent AChE inhibitors. Chemical Papers, 2020, 74, 1395-1405.	1.0	57
38	Benzenesulfonamide derivatives containing imine and amine groups: Inhibition on human paraoxonase and molecular docking studies. International Journal of Biological Macromolecules, 2020, 146, 1111-1123.	3.6	61
39	Carbonic anhydrase, obstructive sleep apnea and hypertension: Effects of intervention. Journal of Sleep Research, 2020, 29, e12956.	1.7	33
40	Thiazolyl-pyrazoline derivatives: In vitro and in silico evaluation as potential acetylcholinesterase and carbonic anhydrase inhibitors. International Journal of Biological Macromolecules, 2020, 163, 1970-1988.	3.6	80
41	Design, synthesis, in vitro and in silico investigation of aldose reductase inhibitory effects of new thiazole-based compounds. Bioorganic Chemistry, 2020, 102, 104110.	2.0	56
42	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
43	Synthesis and bioactivities of 1-(4-hydroxyphenyl)-2-((heteroaryl)thio)ethanones as carbonic anhydrase I, II and acetylcholinesterase inhibitors. Turkish Journal of Chemistry, 2020, 44, 1058-1067.	0.5	20
44	Naphthoquinones, benzoquinones, and anthraquinones: Molecular docking, <scp>ADME</scp> and inhibition studies on human serum paraoxonaseâ€1 associated with cardiovascular diseases. Drug Development Research, 2020, 81, 628-636.	1.4	85
45	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
46	Synthesis, characterisation, biological evaluation andin silicostudies of sulphonamide Schiff bases. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 950-962.	2.5	70
47	Sulfonamides incorporating ketene N,Sâ€acetal bioisosteres as potent carbonic anhydrase and acetylcholinesterase inhibitors. Archiv Der Pharmazie, 2020, 353, e1900383.	2.1	62
48	Purification of Polyphenol Oxidase from Potato and Investigation of the Inhibitory Effects of Phenolic Acids on Enzyme Activity. Protein and Peptide Letters, 2020, 27, 187-192.	0.4	22
49	Aminoalkylated Phenolic Chalcones: Investigation of Biological Effects on Acetylcholinesterase and Carbonic Anhydrase I and II as Potential Lead Enzyme Inhibitors. Letters in Drug Design and Discovery, 2020, 17, 1283-1292.	0.4	35
50	Molecular Docking Studies and Inhibition Properties of Some Antineoplastic Agents against Paraoxonase-I. Anti-Cancer Agents in Medicinal Chemistry, 2020, 20, 887-896.	0.9	53
51	The behavior of some chalcones on acetylcholinesterase and carbonic anhydrase activity. Drug and Chemical Toxicology, 2019, 42, 634-640.	1.2	51
52	Some indazoles reduced the activity of human serum paraoxonase 1, an antioxidant enzyme: in vitro inhibition and molecular modeling studies. Archives of Physiology and Biochemistry, 2019, 125, 387-395.	1.0	42
53	Beneficial effects of Urtica dioica on scopolamine-induced memory impairment in rats: protection against acetylcholinesterase activity and neuronal oxidative damage. Drug and Chemical Toxicology, 2019, 42, 167-175.	1.2	35
54	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

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55	The behaviour of some antihypertension drugs on human serum paraoxonase-1: an important protector enzyme against atherosclerosis. Journal of Pharmacy and Pharmacology, 2019, 71, 1576-1583.	1.2	69
56	Synthesis, molecular docking analysis and carbonic anhydrase I-II inhibitory evaluation of new sulfonamide derivatives. Bioorganic Chemistry, 2019, 91, 103153.	2.0	52
57	Differential effects of selective serotonin reuptake inhibitors on paraoxonase-1 enzyme activity: An in vitro study. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 226, 108608.	1.3	22
58	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
59	Purification and characterization of the carbonic anhydrase enzyme from horse mackerel (Trachurus) Tj ETQq1 1 0.784314 rgBT /Over Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 226, 108605.	1.3	37
60	Inhibition effects of some antidepressant drugs on pentose phosphate pathway enzymes. Environmental Toxicology and Pharmacology, 2019, 72, 103244.	2.0	27
61	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
62	Synthesis, biological evaluation and in silico studies of novel N-substituted phthalazine sulfonamide compounds as potent carbonic anhydrase and acetylcholinesterase inhibitors. Bioorganic Chemistry, 2019, 89, 103004.	2.0	112
63	Inhibition effects of quinones on aldose reductase: Antidiabetic properties. Environmental Toxicology and Pharmacology, 2019, 70, 103195.	2.0	58
64	Anti-diabetic Properties of Calcium Channel Blockers: Inhibition Effects on Aldose Reductase Enzyme Activity. Applied Biochemistry and Biotechnology, 2019, 189, 318-329.	1.4	70
65	The inhibition effects of some sulfonamides on human serum paraoxonase-1 (hPON1). Pharmacological Reports, 2019, 71, 545-549.	1.5	52
66	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
67	New Isoindoleâ€1,3â€dione Substituted Sulfonamides as Potent Inhibitors of Carbonic Anhydrase and Acetylcholinesterase: Design, Synthesis, and Biological Evaluation. ChemistrySelect, 2019, 4, 13347-13355.	0.7	63
68	The effects of hesperidin on sodium arsenite-induced different organ toxicity in rats on metabolic enzymes as antidiabetic and anticholinergics potentials: A biochemical approach. Journal of Food Biochemistry, 2019, 43, e12720.	1.2	125
69	The effects of some cephalosporins on acetylcholinesterase and glutathione S-transferase: an in vivo and in vitro study. Archives of Physiology and Biochemistry, 2019, 125, 235-243.	1.0	50
70	Glutatyon RedÃ¼ktaz Enziminin Ä°nsan Eritrositlerinden SaflaÅŸtÄ±rÄ±lmasÄ±: BazÄ± Anti-epileptik ilaÃ§larÄ±n Ä°nhibisyon Profili. Journal of the Institute of Science and Technology, 2019, 9, 2140-2147.	0.3	6
71	Inhibitory Effects of Usnic and Carnosic Acid on Some Metabolic Enzymes: An In vitro Study. Protein and Peptide Letters, 2019, 26, 364-370.	0.4	50
72	Evaluation of chalcones as inhibitors of glutathione Sâ€transferase. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22047.	1.4	52

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73	Antidiabetic potential: In vitro inhibition effects of bromophenol and diarylmethanones derivatives on metabolic enzymes. Archiv Der Pharmazie, 2018, 351, e1800263.	2.1	89
74	Purification and Biochemical Characterization of Phytase Enzyme from Lactobacillus coryniformis (MH121153). Molecular Biotechnology, 2018, 60, 783-790.	1.3	28
75	Diarylmethanon, bromophenol and diarylmethane compounds: Discovery of potent aldose reductase, Î±-amylase and Î±-glycosidase inhibitors as new therapeutic approach in diabetes and functional hyperglycemia. International Journal of Biological Macromolecules, 2018, 119, 857-863.	3.6	169
76	Inhibition effects of pesticides on glutathioneâ€Sâ€transferase enzyme activity of Van Lake fish liver. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22196.	1.4	47
77	Phenolic compounds inhibit the aldose reductase enzyme from the sheep kidney. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21936.	1.4	75
78	Antiepileptic drugs: Impacts on human serum paraoxonaseâ€1. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21889.	1.4	55
79	Some metals inhibit the glutathione Sâ€transferase from Van Lake fish gills. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21967.	1.4	55
80	Alcohol Dehydrogenase from Sheep Liver: Purification, Characterization and Impacts of Some Antibiotics. Journal of the Institute of Science and Technology, 2017, 7, 151-159.	0.3	7
81	THE EFFECT OF AL3+ AND HG2+ ON GLUCOSE 6-PHOSPHATE DEHYDROGENASE FROM CAPOETA UMBLA KIDNEY. Applied Ecology and Environmental Research, 2016, 14, 253-264.	0.2	39
82	Purification, refolding, and characterization of recombinant human paraoxonase-1. Turkish Journal of Chemistry, 2015, 39, 764-776.	0.5	58
83	Changes in the anti-oxidant system in adult epilepsy patients receiving anti-epileptic drugs. Archives of Physiology and Biochemistry, 2015, 121, 97-102.	1.0	67
84	In vivo changes in carbonic anhydrase activity and histopathology of gill and liver tissues after acute exposure to chlorpyrifos in rainbow trout. Arhiv Za Higijenu Rada I Toksikologiju, 2014, 65, 377-385.	0.4	37
85	Phytase from Weissella halotolerans: purification, partial characterisation and the effect of some metals. International Journal of Food Properties, 0, , 1-11.	1.3	14
86	Inhibitory effects of novel benzamide derivatives towards acetylcholinesterase enzyme. Journal of the Turkish Chemical Society, Section A: Chemistry, 0, , 429-434.	0.4	0
87	Synthesis, characterization, crystal structure and bioactivities of novel enamine and pyrrole derivatives endowed with acetylcholinesterase, Î±-glycosidase and human carbonic anhydrase inhibition effects. Organic Communications, 0, , 144-156.	0.8	3
88	The role of the Cellular Antioxidant Defense System on Oxidative Stress in Acute Appendicitis. Hacettepe Journal of Biology and Chemistry, 0, , .	0.3	0