Cneyt Trkes

List of Publications by Citations

41 papers	1,216 citations	24 h-index	34 g-index
42 ext. papers	1,867 ext. citations	3.7 avg, IF	5.92 L-index

#	Paper	IF	Citations
41	Synthesis, characterization, inhibition effects, and molecular docking studies as acetylcholinesterase, Eglycosidase, and carbonic anhydrase inhibitors of novel benzenesulfonamides incorporating 1,3,5-triazine structural motifs. *Bioorganic Chemistry*, **2020**,	5.1	76
40	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	5.1	65
39	Effect of calcium channel blockers on paraoxonase-1 (PON1) activity and oxidative stress. *Pharmacological Reports*, **2014**, 66, 74-80	3.9	57
38	Anti-diabetic Properties of Calcium Channel Blockers: Inhibition Effects on Aldose Reductase Enzyme Activity. *Applied Biochemistry and Biotechnology*, **2019**, 189, 318-329	3.2	52
37	Investigation of Potential Paraoxonase-I Inhibitors by Kinetic and Molecular Docking Studies: Chemotherapeutic Drugs. *Protein and Peptide Letters*, **2019**, 26, 392-402	1.9	50
36	In vitro inhibitory effects of palonosetron hydrochloride, bevacizumab and cyclophosphamide on purified paraoxonase-I (hPON1) from human serum. *Environmental Toxicology and Pharmacology*, **2016**, 42, 252-7	5.8	49
35	Human serum paraoxonase-1 (hPON1): in vitro inhibition effects of moxifloxacin hydrochloride, levofloxacin hemihidrate, cefepime hydrochloride, cefotaxime sodium and ceftizoxime sodium. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2015**, 30, 622-8	5.6	48
34	Synthesis and paroxonase activities of novel bromophenols. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2013**, 28, 1073-9	5.6	46
33	Benzenesulfonamide derivatives containing imine and amine groups: Inhibition on human paraoxonase and molecular docking studies. *International Journal of Biological Macromolecules*, **2020**, 146, 1111-1123	7.9	44
32	New Isoindole-1,3-dione Substituted Sulfonamides as Potent Inhibitors of Carbonic Anhydrase and Acetylcholinesterase: Design, Synthesis, and Biological Evaluation. *ChemistrySelect*, **2019**, 4, 13347-13355	1.8	43
31	A potential risk factor for paraoxonase 1: in silico and in-vitro analysis of the biological activity of proton-pump inhibitors. *Journal of Pharmacy and Pharmacology*, **2019**, 71, 1553-1564	4.8	42
30	Gadolinium-based contrast agents: paraoxonase 1 inhibition, studies. *Drug and Chemical Toxicology*, **2021**, 44, 508-517	2.3	41
29	Synthesis, characterisation, biological evaluation and studies of sulphonamide Schiff bases. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2020**, 35, 950-962	5.6	41
28	Synthesis, characterization, biological evaluation, and in silico studies of novel 1,3-diaryltriazene-substituted sulfathiazole derivatives. *Archiv Der Pharmazie*, **2020**, 353, e2000102	4.3	38
27	Molecular docking and investigation of 4-(benzylideneamino)- and 4-(benzylamino)-benzenesulfonamide derivatives as potent AChE inhibitors. *Chemical Papers*, **2020**, 74, 1395-1405	1.9	38
26	Sulfonamides incorporating ketene N,S-acetal bioisosteres as potent carbonic anhydrase and acetylcholinesterase inhibitors. *Archiv Der Pharmazie*, **2020**, 353, e1900383	4.3	36
25	Inhibition of Human Serum Paraoxonase-I with Antimycotic Drugs: In Vitro and In Silico Studies. *Applied Biochemistry and Biotechnology*, **2020**, 190, 252-269	3.2	35

24	In Vitro and In Silico Studies on the Toxic Effects of Antibacterial Drugs as Human Serum Paraoxonase 1 Inhibitor. *ChemistrySelect*, **2019**, 4, 9731-9736	1.8	34
23	Molecular Docking Studies and Inhibition Properties of Some Antineoplastic Agents against Paraoxonase-I. *Anti-Cancer Agents in Medicinal Chemistry*, **2020**, 20, 887-896	2.2	34
22	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	7.9	33
21	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	3.6	33
20	Benzenesulfonamide derivatives as potent acetylcholinesterase, □-glycosidase, and glutathione S-transferase inhibitors: biological evaluation and molecular docking studies. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 5449-5460	3.6	29
19	Novel benzoic acid derivatives: Synthesis and biological evaluation as multitarget acetylcholinesterase and carbonic anhydrase inhibitors. *Archiv Der Pharmazie*, **2021**, 354, e2000282	4.3	28
18	Inhibition Effects of Phenolic Compounds on Human Serum Paraoxonase-1 Enzyme. *Journal of the Institute of Science and Technology*,1013-1022	0	26
17	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	5.1	24
16	Mannich reaction derived novel boron complexes with amine-bis(phenolate) ligands: Synthesis, spectroscopy and in vitro/in silico biological studies. *Journal of Organometallic Chemistry*, **2020**, 927, 121542	2.3	23
15	Synthesis, Characterization, and Inhibition Study of Novel Substituted Phenylureido Sulfaguanidine Derivatives as □-Glycosidase and Cholinesterase Inhibitors. *Chemistry and Biodiversity*, **2021**, 18, e2000958	2.5	23
14	Some calcium-channel blockers: kinetic and studies on paraoxonase-I. *Journal of Biomolecular Structure and Dynamics*, **2020**, 1-9	3.6	20
13	A new series of 2,4-thiazolidinediones endowed with potent aldose reductase inhibitory activity. *Open Chemistry*, **2021**, 19, 347-357	1.6	20
12	Transition-Metal Complexes of Bidentate Schiff-Base Ligands: In Vitro and In Silico Evaluation as Non-Classical Carbonic Anhydrase and Potential Acetylcholinesterase Inhibitors. *ChemistrySelect*, **2021**, 6, 7278-7284	1.8	15
11	Novel inhibitors with sulfamethazine backbone: synthesis and biological study of multi-target cholinesterases and □-glucosidase inhibitors. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-13	3.6	14
10	Synthesis, biological evaluation, and in silico study of novel library sulfonates containing quinazolin-4(3H)-one derivatives as potential aldose reductase inhibitors. *Drug Development Research*, **2021**,	5.1	12
9	Molecular docking and inhibition studies of vulpinic, carnosic and usnic acids on polyol pathway enzymes. *Journal of Biomolecular Structure and Dynamics*, **2021**, 1-14	3.6	8
8	Calcium Channel Blockers: The Effect of Glutathione S-Transferase Enzyme Activity and Molecular Docking Studies. *ChemistrySelect*, **2021**, 6, 11137-11143	1.8	7
7	Novel metabolic enzyme inhibitors designed through the molecular hybridization of thiazole and pyrazoline scaffolds. *Archiv Der Pharmazie*, **2021**, 354, e2100294	4.3	7

6	Infection Medications: Assessment In-Vitro Glutathione S-Transferase Inhibition and Molecular Docking Study. *ChemistrySelect*, **2021**, 6, 11915-11924	1.8	6
5	Biological effects of bis-hydrazone compounds bearing isovanillin moiety on the aldose reductase. *Bioorganic Chemistry*, **2021**, 117, 105473	5.1	5
4	Inhibition Effects of Gemcitabine Hydrochloride, Acyclovir, and 5-Fluorouracil on Human Serum Paraoxonase-1 (hPON1): In Vitro **2014**, 1, 15-24		4
3	Ophthalmic drugs: in vitro paraoxonase 1 inhibition and molecular docking studies. *Biotechnology and Applied Biochemistry*, **2021**,	2.8	3
2	Design, synthesis, and biological activity of novel dithiocarbamate-methylsulfonyl hybrids as carbonic anhydrase inhibitors.. *Archiv Der Pharmazie*, **2022**, e2200132	4.3	3
1	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**, 1	3.1	2