

Cneyt Trkes

List of Publications by Year in Descending Order

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Version: 2024-04-25

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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.

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	Cytotoxic effect, enzyme inhibition, and in silico studies of some novel N-substituted sulfonyl amides incorporating 1,3,4-oxadiazol structural motif.. <i>Molecular Diversity</i> , 2022 , 1	3.1	2
40	Design, synthesis, and biological activity of novel dithiocarbamate-methylsulfonyl hybrids as carbonic anhydrase inhibitors.. <i>Archiv Der Pharmazie</i> , 2022 , e2200132	4.3	3
39	Gadolinium-based contrast agents: paraoxonase 1 inhibition, studies. <i>Drug and Chemical Toxicology</i> , 2021 , 44, 508-517	2.3	41
38	Biological effects of bis-hydrazone compounds bearing isovanillin moiety on the aldose reductase. <i>Bioorganic Chemistry</i> , 2021 , 117, 105473	5.1	5
37	Infection Medications: Assessment In-Vitro Glutathione S-Transferase Inhibition and Molecular Docking Study. <i>ChemistrySelect</i> , 2021 , 6, 11915-11924	1.8	6
36	Ophthalmic drugs: in vitro paraoxonase 1 inhibition and molecular docking studies. <i>Biotechnology and Applied Biochemistry</i> , 2021 ,	2.8	3
35	Calcium Channel Blockers: The Effect of Glutathione S-Transferase Enzyme Activity and Molecular Docking Studies. <i>ChemistrySelect</i> , 2021 , 6, 11137-11143	1.8	7
34	Benzenesulfonamide derivatives as potent acetylcholinesterase, β -glucosidase, and glutathione S-transferase inhibitors: biological evaluation and molecular docking studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 5449-5460	3.6	29
33	Synthesis, Characterization, and Inhibition Study of Novel Substituted Phenylureido Sulfaguanidine Derivatives as β -Glucosidase and Cholinesterase Inhibitors. <i>Chemistry and Biodiversity</i> , 2021 , 18, e2000958 ²⁻⁵	2.5	23
32	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> , 2021 , 1-13	3.6	14
31	Calcium channel blockers: molecular docking and inhibition studies on carbonic anhydrase I and II isoenzymes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 1672-1680	3.6	33
30	Novel benzoic acid derivatives: Synthesis and biological evaluation as multitarget acetylcholinesterase and carbonic anhydrase inhibitors. <i>Archiv Der Pharmazie</i> , 2021 , 354, e2000282	4.3	28
29	Molecular docking and inhibition studies of vulpinic, carnosic and usnic acids on polyol pathway enzymes. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-14	3.6	8
28	Transition-Metal Complexes of Bidentate Schiff-Base Ligands: In Vitro and In Silico Evaluation as Non-Classical Carbonic Anhydrase and Potential Acetylcholinesterase Inhibitors. <i>ChemistrySelect</i> , 2021 , 6, 7278-7284	1.8	15
27	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. <i>Bioorganic Chemistry</i> , 2021 , 113, 105009	5.1	24
26	Novel metabolic enzyme inhibitors designed through the molecular hybridization of thiazole and pyrazoline scaffolds. <i>Archiv Der Pharmazie</i> , 2021 , 354, e2100294	4.3	7
25	Synthesis, biological evaluation, and in silico study of novel library sulfonates containing quinazolin-4(3H)-one derivatives as potential aldose reductase inhibitors. <i>Drug Development Research</i> , 2021 ,	5.1	12

24	A new series of 2,4-thiazolidinediones endowed with potent aldose reductase inhibitory activity. <i>Open Chemistry</i> , 2021 , 19, 347-357	1.6	20
23	Synthesis, characterization, inhibition effects, and molecular docking studies as acetylcholinesterase, β -glycosidase, and carbonic anhydrase inhibitors of novel benzenesulfonamides incorporating 1,3,5-triazine structural motifs. <i>Bioorganic Chemistry</i> , 2020 , 100, 103897	5.1	76
22	Synthesis, characterization, biological evaluation, and in silico studies of novel 1,3-diaryltriazene-substituted sulfathiazole derivatives. <i>Archiv Der Pharmazie</i> , 2020 , 353, e2000102	4.3	38
21	Molecular Docking Studies and Inhibition Properties of Some Antineoplastic Agents against Paraoxonase-I. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020 , 20, 887-896	2.2	34
20	Molecular docking and investigation of 4-(benzylideneamino)- and 4-(benzylamino)-benzenesulfonamide derivatives as potent AChE inhibitors. <i>Chemical Papers</i> , 2020 , 74, 1395-1405	1.9	38
19	Benzenesulfonamide derivatives containing imine and amine groups: Inhibition on human paraoxonase and molecular docking studies. <i>International Journal of Biological Macromolecules</i> , 2020 , 146, 1111-1123	7.9	44
18	Thiazolyl-pyrazoline derivatives: In vitro and in silico evaluation as potential acetylcholinesterase and carbonic anhydrase inhibitors. <i>International Journal of Biological Macromolecules</i> , 2020 , 163, 1970-1988	7.9	33
17	Mannich reaction derived novel boron complexes with amine-bis(phenolate) ligands: Synthesis, spectroscopy and in vitro/in silico biological studies. <i>Journal of Organometallic Chemistry</i> , 2020 , 927, 121542	2.3	23
16	Some calcium-channel blockers: kinetic and studies on paraoxonase-I. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-9	3.6	20
15	Inhibition of Human Serum Paraoxonase-I with Antimycotic Drugs: In Vitro and In Silico Studies. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 190, 252-269	3.2	35
14	Synthesis, characterisation, biological evaluation and studies of sulphonamide Schiff bases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 950-962	5.6	41
13	Sulfonamides incorporating ketene N,S-acetal bioisosteres as potent carbonic anhydrase and acetylcholinesterase inhibitors. <i>Archiv Der Pharmazie</i> , 2020 , 353, e1900383	4.3	36
12	Synthesis, biological evaluation and in silico studies of novel N-substituted phthalazine sulfonamide compounds as potent carbonic anhydrase and acetylcholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2019 , 89, 103004	5.1	65
11	Anti-diabetic Properties of Calcium Channel Blockers: Inhibition Effects on Aldose Reductase Enzyme Activity. <i>Applied Biochemistry and Biotechnology</i> , 2019 , 189, 318-329	3.2	52
10	A potential risk factor for paraoxonase 1: in silico and in-vitro analysis of the biological activity of proton-pump inhibitors. <i>Journal of Pharmacy and Pharmacology</i> , 2019 , 71, 1553-1564	4.8	42
9	In Vitro and In Silico Studies on the Toxic Effects of Antibacterial Drugs as Human Serum Paraoxonase 1 Inhibitor. <i>ChemistrySelect</i> , 2019 , 4, 9731-9736	1.8	34
8	Investigation of Potential Paraoxonase-I Inhibitors by Kinetic and Molecular Docking Studies: Chemotherapeutic Drugs. <i>Protein and Peptide Letters</i> , 2019 , 26, 392-402	1.9	50
7	New Isoindole-1,3-dione Substituted Sulfonamides as Potent Inhibitors of Carbonic Anhydrase and Acetylcholinesterase: Design, Synthesis, and Biological Evaluation. <i>ChemistrySelect</i> , 2019 , 4, 13347-13355	1.8	43

6	In vitro inhibitory effects of palonosetron hydrochloride, bevacizumab and cyclophosphamide on purified paraoxonase-I (hPON1) from human serum. <i>Environmental Toxicology and Pharmacology</i> , 2016 , 42, 252-7	5.8	49
5	Human serum paraoxonase-1 (hPON1): in vitro inhibition effects of moxifloxacin hydrochloride, levofloxacin hemihidrate, cefepime hydrochloride, cefotaxime sodium and ceftizoxime sodium. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015 , 30, 622-8	5.6	48
4	Effect of calcium channel blockers on paraoxonase-1 (PON1) activity and oxidative stress. <i>Pharmacological Reports</i> , 2014 , 66, 74-80	3.9	57
3	Inhibition Effects of Gemcitabine Hydrochloride, Acyclovir, and 5-Fluorouracil on Human Serum Paraoxonase-1 (hPON1): In Vitro 2014 , 1, 15-24		4
2	Synthesis and paraoxonase activities of novel bromophenols. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013 , 28, 1073-9	5.6	46
1	Inhibition Effects of Phenolic Compounds on Human Serum Paraoxonase-1 Enzyme. <i>Journal of the Institute of Science and Technology</i> , 1013-1022	0	26