

Vagif Farzaliyev

List of Publications by Citations

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18
papers

704
citations

14
h-index

18
g-index

18
ext. papers

827
ext. citations

3.9
avg, IF

3.89
L-index

#	Paper	IF	Citations
18	Synthesis of 4,5-disubstituted-2-thioxo-1,2,3,4-tetrahydropyrimidines and investigation of their acetylcholinesterase, butyrylcholinesterase, carbonic anhydrase I/II inhibitory and antioxidant activities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 1-9	5.6	92
17	Synthesis of some tetrahydropyrimidine-5-carboxylates, determination of their metal chelating effects and inhibition profiles against acetylcholinesterase, butyrylcholinesterase and carbonic anhydrase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 1531-9	5.6	78
16	Synthesis and biological evaluation of aminomethyl and alkoxymethyl derivatives as carbonic anhydrase, acetylcholinesterase and butyrylcholinesterase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 1174-1182	5.6	67
15	Synthesis and discovery of potent carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase, and α -glycosidase enzymes inhibitors: The novel N,N-g-bis-cyanomethylamine and alkoxymethylamine derivatives. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018 , 32, e22042	3.4	64
14	Synthesis and bioactivity of several new hetaryl sulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 137-145	5.6	59
13	Novel tribenzylaminobenzolsulphonylimine based on their pyrazine and pyridazines: Synthesis, characterization, antidiabetic, anticancer, anticholinergic, and molecular docking studies. <i>Bioorganic Chemistry</i> , 2019 , 93, 103313	5.1	48
12	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	3.4	47
11	Synthesis, crystal structure and biological evaluation of spectroscopic characterization of Ni(II) and Co(II) complexes with N-salicyloyl-N-g-maleoil-hydrazine as anticholinergic and antidiabetic agents. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018 , 32, e22197	3.4	39
10	Synthesis, crystal structure, and biological evaluation of optically active 2-amino-4-aryl-7,7-dimethyl-5-oxo-5,6,7,8-tetrahydro-4H-chromen-3-carbonitriles: Antiepileptic, antidiabetic, and anticholinergics potentials. <i>Archiv Der Pharmazie</i> , 2019 , 352, e1800317	4.3	39
9	Synthesis of nitrogen, phosphorus, selenium and sulfur-containing heterocyclic compounds - Determination of their carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and α -glycosidase inhibition properties. <i>Bioorganic Chemistry</i> , 2020 , 103, 104171	5.1	36
8	Novel amides of 1,1-bis-(carboxymethylthio)-1-arylethanes: Synthesis, characterization, acetylcholinesterase, butyrylcholinesterase, and carbonic anhydrase inhibitory properties. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018 , 32, e22191	3.4	35
7	Discovery of potent carbonic anhydrase, acetylcholinesterase, and butyrylcholinesterase enzymes inhibitors: The new amides and thiazolidine-4-ones synthesized on an acetophenone base. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017 , 31, e21931	3.4	34
6	Novel functionally substituted esters based on sodium diethyldithiocarbamate derivatives: Synthesis, characterization, biological activity and molecular docking studies. <i>Bioorganic Chemistry</i> , 2020 , 99, 103762	5.1	27
5	Synthesis, characterization, antioxidant, antidiabetic, anticholinergic, and antiepileptic properties of novel N-substituted tetrahydropyrimidines based on phenylthiourea. <i>Journal of Biochemical and Molecular Toxicology</i> , 2018 , 32, e22221	3.4	23
4	Design, synthesis, characterization, biological evaluation, and molecular docking studies of novel 1,2-aminopropanthiols substituted derivatives as selective carbonic anhydrase, acetylcholinesterase and α -glycosidase enzymes inhibitors. <i>Journal of Biomolecular Structure and</i>	3.6	11
3	Synthesis, characterization and biological evaluation of N-substituted triazinane-2-thiones and theoretical-experimental mechanism of condensation reaction. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5329	3.1	5
2	New Nitrogen-, Sulfur- and Carboxylate Containing High Based Alkylphenolate Additive to Motor Oils and the Study of Their Properties. <i>Chemistry Africa</i> , 2022 , 5, 251	2.2	0

- 1 Synthesis and Study of Bisakylxanthogenates as Additives to Lubricating Oils. *Chemistry Africa*,1 2.2 0