

# Vagif Farzaliyev

## List of Publications by Year in Descending Order

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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.

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	New Nitrogen-, Sulfur- and Carboxylate Containing High Based Alkylphenolate Additive to Motor Oils and the Study of Their Properties. <i>Chemistry Africa</i> , <b>2022</b> , 5, 251	2.2	0
17	Novel functionally substituted esters based on sodium diethyldithiocarbamate derivatives: Synthesis, characterization, biological activity and molecular docking studies. <i>Bioorganic Chemistry</i> , <b>2020</b> , 99, 103762	5.1	27
16	Synthesis, characterization and biological evaluation of N-substituted triazinane-2-thiones and theoretical-experimental mechanism of condensation reaction. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5329	3.1	5
15	Synthesis of nitrogen, phosphorus, selenium and sulfur-containing heterocyclic compounds - Determination of their carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase and $\alpha$ -glycosidase inhibition properties. <i>Bioorganic Chemistry</i> , <b>2020</b> , 103, 104171	5.1	36
14	Design, synthesis, characterization, biological evaluation, and molecular docking studies of novel 1,2-aminopropanthiols substituted derivatives as selective carbonic anhydrase, acetylcholinesterase and $\alpha$ -glycosidase enzymes inhibitors. <i>Journal of Biomolecular Structure and</i>	3.6	11
13	Novel tribenzylaminobenzolsulphonylimine based on their pyrazine and pyridazines: Synthesis, characterization, antidiabetic, anticancer, anticholinergic, and molecular docking studies. <i>Bioorganic Chemistry</i> , <b>2019</b> , 93, 103313	5.1	48
12	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> , <b>2019</b> , 352, e1800317	4.3	39
11	Synthesis and discovery of potent carbonic anhydrase, acetylcholinesterase, butyrylcholinesterase, and $\alpha$ -glycosidase enzymes inhibitors: The novel N,N-gbis-cyanomethylamine and alkoxyethylamine derivatives. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2018</b> , 32, e22042	3.4	64
10	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> , <b>2018</b> , 32, e22019	3.4	47
9	Synthesis, crystal structure and biological evaluation of spectroscopic characterization of Ni(II) and Co(II) complexes with N-salicyloil-N-gmaleoil-hydrazine as anticholinergic and antidiabetic agents. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2018</b> , 32, e22197	3.4	39
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> , <b>2018</b> , 32, e22191	3.4	35
7	Synthesis, characterization, antioxidant, antidiabetic, anticholinergic, and antiepileptic properties of novel N-substituted tetrahydropyrimidines based on phenylthiourea. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2018</b> , 32, e22221	3.4	23
6	Synthesis and bioactivity of several new hetaryl sulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2017</b> , 32, 137-145	5.6	59
5	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> , <b>2017</b> , 31, e21931	3.4	34
4	Synthesis and biological evaluation of aminomethyl and alkoxyethyl derivatives as carbonic anhydrase, acetylcholinesterase and butyrylcholinesterase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2017</b> , 32, 1174-1182	5.6	67
3	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> , <b>2016</b> , 31, 1-9	5.6	92
2	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> , <b>2016</b> , 31, 1531-9	5.6	78

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