

Hakan Tahtaci

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, Characterization, Theoretical Analyses, and Investigation of Their Biological Activities of Acetovanillone-Derived Novel Benzyl Ethers. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 5671-5695.	2.6	2
2	Synthesis, in vitro cytotoxicity, molecular docking and ADME study of some indolin-2-one linked 1,2,3-triazole derivatives. <i>Computational Biology and Chemistry</i> , 2022, 97, 107641.	2.3	4
3	Design and various in silico studies of the novel curcumin derivatives as potential candidates against COVID-19 -associated main enzymes. <i>Computational Biology and Chemistry</i> , 2022, 98, 107657.	2.3	9
4	Synthesis, in silico ADME, molecular docking and in vitro cytotoxicity evaluation of stilbene linked 1,2,3-triazoles. <i>Heliyon</i> , 2021, 7, e05893.	3.2	3
5	Synthesis, structural characterization, biological activity, and theoretical studies of some novel thioether-bridged 2,6-disubstituted imidazothiadiazole analogues. <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 1321-1343.	2.6	10
6	Synthesis, molecular docking, and preliminary cytotoxicity study of some novel 2-(naphthalen-1-yl)-methylimidazo[2,1-b][1,3,4]thiadiazoles. <i>Journal of Molecular Structure</i> , 2021, 1234, 130174.	3.6	2
7	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.	4.1	78
8	Synthesis and characterization of the Co(II) and Ni(II) complexes of 1,3,4-thiadiazole-derived ketones and secondary alcohols: thermal and magnetic properties. <i>Journal of Coordination Chemistry</i> , 2021, 74, 2508-2533.	2.2	1
9	Synthesis, Characterization, Antimicrobial Evaluation, and Computational Investigation of Substituted Imidazo[2,1-b][1,3,4]Thiadiazole Derivatives. <i>ChemistrySelect</i> , 2020, 5, 11753-11763.	1.5	12
10	Novel Substituted Imidazo[2,1-b][1,3,4]Thiadiazole Derivatives: Synthesis, Characterization, Molecular Docking Study, and Investigation of Their In Vitro Antifungal Activities. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2555-2570.	2.6	7
11	A simple and efficient approach for the synthesis of a novel class aliphatic 1,3,4-thiadiazol-2(3H)-one derivatives via intramolecular nucleophilic substitution reaction. <i>Synthetic Communications</i> , 2019, 49, 2357-2368.	2.1	3
12	Novel substituted benzothiazole and Imidazo[2,1-b][1,3,4]Thiadiazole derivatives: Synthesis, characterization, molecular docking study, and investigation of their in vitro antileishmanial and antibacterial activities. <i>Journal of Molecular Structure</i> , 2019, 1194, 284-296.	3.6	36
13	A Novel Class Substituted Imidazo[2,1-b][1,3,4]thiadiazole Derivatives: Synthesis, Characterization, In Vitro Biological Activity, and Potential Inhibitors Design Studies. <i>ChemistrySelect</i> , 2019, 4, 14281-14290.	1.5	6
14	Design, Synthesis, SAR and Molecular Modeling Studies of Novel Imidazo[2,1-b][1,3,4]Thiadiazole Derivatives as Highly Potent Antimicrobial Agents. <i>Molecular Informatics</i> , 2018, 37, 1700083.	2.5	32
15	An integrated approach towards the development of novel antifungal agents containing thiadiazole: synthesis and a combined similarity search, homology modelling, molecular dynamics and molecular docking study. <i>Chemistry Central Journal</i> , 2018, 12, 121.	2.6	18
16	Synthesis, Structural Characterization, and Biological Evaluation of Novel Substituted 1,3,4-Thiazole Derivatives Containing Schiff Bases. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 183-193.	2.6	6
17	Synthesis, characterization, preliminary SAR and molecular docking study of some novel substituted imidazo[2,1-b][1,3,4]thiadiazole derivatives as antifungal agents. <i>Medicinal Chemistry Research</i> , 2017, 26, 615-630.	2.4	33
18	Synthesis of 1,3,4-thiadiazol-2(3H)-one derivatives via an unexpected intramolecular addition-elimination reaction of 1,3,4-thiadiazoles. <i>Tetrahedron</i> , 2017, 73, 4418-4425.	1.9	10

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19	Structure of (2E)-Ethyl 2-((4-(cyanomethoxy)benzylidene)hydrazono)-3,4-dimethyl-2,3-dihydrothiazole-5-carboxylate Studied by X-ray and DFT Calculations. Crystallography Reports, 2017, 62, 1095-1098.	0.6	1
20	X-ray and Theoretical Studies of 2-((5-Amino-1,3,4-thiadiazol-2-yl)thio)-1-phenylethanone. Crystallography Reports, 2017, 62, 1089-1094.	0.6	1
21	Novel aldehyde and thiosemicarbazone derivatives: Synthesis, spectroscopic characterization, structural studies and molecular docking studies. Journal of Molecular Structure, 2016, 1125, 470-480.	3.6	2
22	Synthesis and characterization of tetra-armed-thiosemicarbazone and its salen/salophen capped transition metal complexes: Investigation of their thermal and magnetic properties. Synthetic Communications, 2016, 46, 1820-1832.	2.1	6
23	Novel 2-amino-1,3,4-thiadiazoles and their acyl derivatives: Synthesis, structural characterization, molecular docking studies and comparison of experimental and computational results. Journal of Molecular Structure, 2016, 1110, 102-113.	3.6	22
24	Novel olefinic-centered macrocyclic compounds involving tetrasubstituted 4-hydroxybenzoic acid fragments: Synthesis, structural characterization and comparison of experimental and computational results. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 139, 68-74.	3.9	1
25	Synthesis and Characterization of Novel 1,3-Thiazole and 2-Amino-1,3,4-Thiadiazole Derivatives. Macedonian Journal of Chemistry and Chemical Engineering, 2014, 33, 189.	0.6	10
26	1-[2-(2,6-Dichlorobenzoyloxy)-2-(2-furyl)ethyl]-1 <i>H</i> -1,2,4-triazole. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o107-o108.	0.2	3
27	1-[2-(2,4-Dichlorobenzoyloxy)-2-(2-furyl)ethyl]-1 <i>H</i> -1,2,4-triazole. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2868-o2869.	0.2	3
28	1-Phenyl-2-(1 <i>H</i> -1,2,4-triazol-1-yl)ethanone. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1604-o1604.	0.2	4
29	1-Phenyl-2-(1 <i>H</i> -1,2,4-triazol-1-yl)ethanol. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1254-o1254.	0.2	9
30	1-[2-(4-Bromobenzoyloxy)-2-phenylethyl]-1 <i>H</i> -1,2,4-triazole. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1914-o1915.	0.2	7
31	1-[2-(2,4-Dichlorobenzoyloxy)-2-phenylethyl]-1 <i>H</i> -1,2,4-triazole. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2465-o2465.	0.2	3
32	Experimental and Theoretical Investigation of Single Crystal Containing Benzothiazole and Thiadiazole. Journal of the Institute of Science and Technology, 0, , 2105-2116.	0.9	0