

# Muharrem DinÅşer

## List of Publications by Year in descending order

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32  
papers

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citations

1163117

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32  
docs citations

32  
times ranked

509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular structure and vibrational bands and chemical shift assignments of 4-allyl-5-(2-hydroxyphenyl)-2,4-dihydro-3H-1,2,4-triazole-3-thione by DFT and ab initio HF calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 77, 189-198.	3.9	80
2	Experimental and <i>ab initio</i> computational studies on 4-(1 <i>H</i> -benzo[ <i>d</i> ]imidazol-2-yl)- <i>N,N'</i> -dimethylaniline. <i>Molecular Physics</i> , 2010, 108, 13-24.	1.7	72
3	Experimental and molecular modeling investigation of ( <i>E</i> )- <i>N,N'</i> -2-[(2-hydroxybenzylidene)amino]phenyl}benzenesulfonamide. <i>Molecular Physics</i> , 2013, 111, 707-723.	1.7	50
4	Molecular structure and vibrational and chemical shift assignments of 5-(2-Hydroxyphenyl)-4-( <i>p</i> -tolyl)-2,4-dihydro-1,2,4-triazole-3-thione by DFT and ab initio HF calculations. <i>Journal of Molecular Modeling</i> , 2008, 14, 823-832.	1.8	35
5	Synthesis, antimicrobial properties, and theoretical analysis of benzimidazole-2-ylidene silver(I) complexes. <i>Journal of Coordination Chemistry</i> , 2020, 73, 1967-1986.	2.2	28
6	A novel one-pot synthesis of heterocyclic compound (4-benzoyl-5-phenyl-2-(pyridin-2-yl)-3,3a-dihydropyrazolo[1,5- <i>c</i> ]pyrimidin-7(6 <i>H</i> )-one): Structural (X-ray) Tj ETQq0 0 0 rgBT /Overlock 10 T <i>Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1304-1314.	3.9	18
7	Ab initio and semi-empirical computational studies on 5-hydroxy-4-methyl-5,6-di-pyridin-2-yl-4,5-dihydro-2 <i>H</i> -[1,2,4]triazine-3-thione. <i>Journal of Molecular Structure</i> , 2011, 991, 186-201.	3.6	12
8	Structural and spectroscopic characterization of a thiosemicarbazidatodioxouranium(VI) complex: A combined experimental and DFT study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 994-1001.	3.9	10
9	1-Methyl-1-phenyl-3-[1-hydroxyimino-2-(succinimido)ethyl]cyclobutane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004, 60, o674-o676.	0.4	9
10	Crystal structure and Hirshfeld surface analysis of ( <i>Z</i> )-4-{[4-(3-methyl-3-phenylcyclobutyl)thiazol-2-yl]amino}-4-oxobut-2-enoic acid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 120-124.	0.5	9
11	6-Phenyl-3-(4-pyridyl)-1,2,4-triazolo[3,4- <i>b</i> ][1,3,4]thiadiazole. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, o665-o667.	0.4	8
12	Synthesis, characterization and catalytic activity of Pd(II) complexes with <i>N,N'</i> -allyl functionalized imidazol-2-ylidenes in Suzuki-Miyaura reaction. <i>Applied Organometallic Chemistry</i> , 2014, 28, 324-331.	3.5	8
13	<i>N</i> -[4-(3-Methyl-3-phenyl-cyclobutyl)-thiazol-2-yl]- <i>N</i> -pyridin-2-ylmethylene-chloro-acetic acid hydrazide: Synthesis and configurational assignment based on X-ray, <sup>1</sup> H, and <sup>13</sup> C NMR and theoretical calculations. <i>Crystallography Reports</i> , 2017, 62, 868-880.	0.6	7
14	Experimental and theoretical investigation of the molecular and electronic structure of <i>N,N'</i> -2-benzylidene- <i>N,N'</i> -4-(3-methyl-3-phenylcyclobutyl)-2-thiazol-ylidene-chloroacetic acid hydrazide. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 1016-1028.	3.9	6
15	Structural and spectroscopic characterization of 4-(3-methyl-3-phenylcyclobutyl)-2-(2-propylidenehydrazinyl)thiazole: A combined experimental and DFT analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 257-267.	3.9	6
16	DFT Calculations on the Molecular Structure, Vibrational and Chemical Shift Assignments of 4-Allyl-2-(morpholin-4-ylmethyl)-5-(pyridin-4-yl)-2,4-Dihydro-3 <i>H</i> -1,2,4-Triazole-3-Thione. <i>Arabian Journal for Science and Engineering</i> , 2011, 36, 607-620.	1.1	5
17	Synthesis, catalytic, cytotoxic, and antibacterial properties of new Ru(II) and Pd(II) complexes bearing bidentate Schiff base ligand. <i>Inorganic and Nano-Metal Chemistry</i> , 2021, 51, 1697-1706.	1.6	5
18	1-{(2 <i>E</i> )-2-[(Aminocarbonothioyl)hydrazone]-2-(3-mesityl-3-methylcyclobutyl)ethyl}pyrrolidine-2,5-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003, 59, o1997-o1999.	0.2	4

#	ARTICLE	IF	CITATIONS
19	N-(2,4-Dimethoxybenzylideneamino)guanidinium dihydrogenphosphate. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o722-o724.	0.4	4
20	Bromo(1,4-cycloocta-1,5-diene)[1-(2,3,4,5,6-pentafluorobenzyl)-3-(2,4,6-trimethylbenzyl)benzimidazol-2-ylidene]rhodium(I). Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, m252-m254.	0.4	4
21	N-Cyclohexyl-2-[5-(4-pyridyl)-4-(p-tolyl)-4H-1,2,4-triazol-3-ylsulfanyl]acetamide dihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o639-o642.	0.4	4
22	[1,3-Bis(2,3,4,5,6-pentafluorobenzyl)benzimidazol-2-ylidene]bromido(1,4-cycloocta-1,5-diene)rhodium(I). Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, m228-m230.	0.4	4
23	Salt and co-crystal formation from the reaction of fumaric acid with different N-heterocyclic compounds: Experimental and DFT study. Molecular Crystals and Liquid Crystals, 2018, 666, 65-78.	0.9	3
24	[1,3-Bis(2-ethoxyphenyl)imidazolidin-2-ylidene]bromo(cycloocta-1,5-diene)rhodium(I). Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, m373-m375.	0.4	2
25	Benzoin 4-ethylthiosemicarbazone. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o13-o15.	0.4	2
26	A 1/4-chloro-bridged dinuclear ruthenium complex with 9H-carbazole: the formation of one-dimensional linear chains of star-shaped edge-fused rings. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, m346-m348.	0.4	2
27	Ab initio and semiempirical computational studies on 1-((2E)-2-((aminocarbonothioyl)hydrazono)-3-methylcyclobutyl)ethylpyrrolidine-2,5-dione. International Journal of Quantum Chemistry, 2012, 112, 394-413.		
28	Synthesis, X-Ray Crystallography, Thermal Analysis, and DFT Studies of Ni(II) Complex with 1-Vinylimidazole Ligand. Journal of Crystallography, 2014, 2014, 1-9.	0.0	1
29	Syntheses, spectral characterization, single crystal X-ray diffraction and computational in gas and solid phases studies on chloro- acetic acid N-(2-hydroxy-naphthalen-1-ylmethylene)-N-[4-(3-methyl-3-phenyl-cyclobutyl)-thiazol-2-yl]-hydrazide. SN Applied Sciences, 2020, 2, 1.	2.9	1
30	Hydrogen bonding in meso-4,5-diphenyl-3,6-diazaoctane-1,8-diol: the formation of one-dimensional linear chains of edge-fused rings. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o89-o91.	0.4	0
31	Experimental and ab initio computational studies on 5-(4-aminophenyl)-4-(3-methyl-3-phenylcyclobutyl)thiazol-2-amine. Structural Chemistry, 0, , 1.	2.0	0
32	Quantum Chemical Calculations of 5-Diethylamino-2-[[4-(3-Methyl-3-Phenyl-Cyclobutyl)-Thiazol-2-yl]-Hydrazonomethyl]-Phenol Single Crystal Containing Heteroatoms. Polycyclic Aromatic Compounds, 0, , 1-24.	2.6	0