

Yelda B ng l Alpaslan

List of Publications by Year in descending order

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papers

478
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#	ARTICLE	IF	CITATIONS
1	DFT calculations, spectroscopy and antioxidant activity studies on (E)-2-nitro-4-[(phenylimino)methyl]phenol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 534-546.	3.9	45
2	1,2,4-triazole derivative with Schiff base; thiol-thione tautomerism, DFT study and antileishmanial activity. <i>Journal of Molecular Structure</i> , 2017, 1150, 82-87.	3.6	44
3	Thiol-thione tautomeric analysis, spectroscopic (FT-IR, Laser-Raman, NMR and UV-vis) properties and DFT computations of 5-(3-pyridyl)-4H-1,2,4-triazole-3-thiol molecule. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 163, 170-180.	3.9	42
4	Spectroscopic characterization and quantum chemical computations of the 5-(4-pyridyl)-1H-1,2,4-triazole-3-thiol molecule. <i>Spectroscopy Letters</i> , 2016, 49, 167-179.	1.0	42
5	Structural, spectroscopic, radical scavenging activity, molecular docking and DFT studies of a synthesized Schiff base compound. <i>Journal of Molecular Structure</i> , 2019, 1179, 205-215.	3.6	31
6	Spectroscopic characterization and density functional studies of (Z)-1-[(2-methoxy-5-(trifluoromethyl)phenylamino)methylene]naphthalene-2(1H)-one. <i>Journal of Molecular Structure</i> , 2015, 1097, 171-180.	3.6	28
7	The new Schiff base 4-[(4-Hydroxy-3-fluoro-5-methoxy-benzylidene)amino]-1,5-dimethyl-2-phenyl-1,2-dihydro-pyrazol-3-one: Experimental, DFT calculational studies and in vitro antimicrobial activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 356-366.	3.9	26
8	Isolation, characterization, spectroscopic properties and quantum chemical computations of an important phytoalexin resveratrol as antioxidant component from <i>Vitis labrusca</i> L. and their chemical compositions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 378-395.	3.9	24
9	Experimental and density functional theory studies on (E)-2-[(2-(hydroxymethyl)phenylimino)methyl]benzene-1,4-diol. <i>Journal of Molecular Structure</i> , 2011, 995, 58-65.	3.6	23
10	Experimental (FT-IR, Raman and NMR) and Theoretical (B3LYP, B3PW91, M06-2X and CAM-B3LYP) Analyses of PTert-Butylphenyl Salicylate. <i>Bilge International Journal of Science and Technology Research</i> , 2018, 2, 56-73.	0.5	22
11	Experimental and theoretical studies of the molecular structure of 4-(3-(1H-imidazol-1-yl)propyl)-5-p-tolyl-2H-1,2,4-triazol-3(4H)-one. <i>Journal of Molecular Structure</i> , 2010, 984, 137-145.	3.6	21
12	Molecular structure, spectroscopic characterization and DFT calculations of a novel (Z)-1-[(2-Ethylphenylamino)methylene]naphthalene-2(1H)-one. <i>Journal of Molecular Structure</i> , 2015, 1096, 43-54.	3.6	16
13	5-Phenyl thiophene amino phenol derivatives: Synthesis, spectroscopic characterization, computational study and antimicrobial activity. <i>Journal of Molecular Structure</i> , 2019, 1182, 36-46.	3.6	15
14	Experimental and Semi-Empirical and DFT Calculational Studies on (E)-2-[(2,4-Dichlorophenylimino)methyl]-p-cresol. <i>Journal of Chemical Crystallography</i> , 2010, 40, 950-956.	1.1	14
15	Experimental and theoretical investigation of the molecular and electronic structure of 3-ethoxy-4-isopropylaminocyclobut-3-ene-1,2-dione. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 35-41.	3.9	12
16	Synthesis, spectroscopic characterization, calculational studies and in vitro antitumoral activity of 4-(3-(1H-imidazol-1-yl)propyl)-(thiophen-2-ylmethyl)-1H-1,2,4-triazol-5(4H)-one. <i>Journal of Molecular Structure</i> , 2011, 989, 101-108.	3.6	11
17	(E)-2-[(3-Fluorophenyl)iminomethyl]-4-(trifluoromethoxy)phenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o510-o510.	0.2	11
18	Synthesis, crystal structures and theoretical calculations of new 1-[2-(5-chloro-2-benzoxazolinone-3-yl)acetyl]-3,5-diphenyl-4,5-dihydro-(1H)-pyrazoles. <i>Journal of Molecular Structure</i> , 2013, 1039, 71-83.	3.6	8

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19	Theoretical and antimicrobial activity study for ethyl{4-[3-(1 <i>H</i> -imidazole-1-yl)propyl]-3-methyl-5-oxo-4,5-dihydro-1 <i>H</i> -1,2,4-triazol-1-yl}acetate. Spectroscopy Letters, 2017, 50, 96-101.	1.0	8
20	2-Propylamino-5-[4-(2-hydroxy-3,5-dichlorobenzylideneamino) phenyl]-1,3,4-thiadiazole: X-ray and DFT-calculated structures. Structural Chemistry, 2010, 21, 59-65.	2.0	5
21	Synthesis, spectroscopic characterization and computational studies of (Z)-1-((5,6,7,8-tetrahydronaphthalen-1-ylamino)methylene)naphthalen-2(1H)-one. Journal of Molecular Structure, 2013, 1043, 7-14.	3.6	5
22	1,2,4-triazole derivatives with morpholine; DFT study and antileishmanial activity. Canadian Journal of Physics, 2018, 96, 719-723.	1.1	5
23	2-[(2,4-Dimethylphenyl)iminomethyl]-3,5-dimethoxyphenol. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1572-o1572.	0.2	5
24	One Dimensional Coordination Polymer of Nickel(II)-Squarate with N,N,N',N'-tetramethylethylenediamine, {[Ni($\frac{1}{4}$ -sq)(H ₂ O) ₂ (tmen)] \cdot H ₂ O} _n . Journal of Inorganic and Organometallic Polymers and Materials, 2010, 20, 411-415.	3.7	4
25	Spectroscopic characterization and density functional studies of new thiadiazole 1,1-dioxide compounds. Journal of Molecular Structure, 2018, 1174, 32-42.	3.6	3
26	2-[(<i>E</i>)-(2-Morpholinoethyl)iminomethyl]-4-nitro-1-oxocyclohexadienide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o1842-o1842.	0.2	3
27	(<i>E</i>)-2-[(4-Chlorophenyl)iminomethyl]-4-(trifluoromethoxy)phenol. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2704-o2704.	0.2	3
28	1-[(<i>E</i>)-(2-Methyl-3-nitrophenyl)iminomethyl]-2-naphthol. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3052-o3052.	0.2	1
29	Structural, spectral, electronic, and molecular docking investigations on <i>N,N</i> -dimethyl- <i>N,N'</i> -bis(2-((methylsulfonyl)methanethioyl)amino)iminomethyl)aniline. Journal of the Chinese Chemical Society, 2021, 68, 971-988.		
30	Structural, spectroscopic, and theoretical investigations of (<i>E</i>)-1-((2-methyl-3-nitrophenyl)iminomethyl)-2-naphthol. Chinese Chemical Society, 2021, 68, 989.	1.4	0