

Erbil AÄar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Crystallographic and conformational analyses of zwitterionic form of (E)-2-methoxy-6-[(2-morpholinoethylimino)methyl]phenolate. <i>Journal of Chemical Crystallography</i> , 2007, 37, 285-290.	1.1	24
2	A combined experimental (XRD, FT-IR, and UV-vis) and DFT computational studies on (E)-N-[4-bromo-2-(trifluoromethoxy)phenyl]-1-(5-nitrothiophen-2-yl) methanimine. <i>Molecular Physics</i> , 2016, 114, 197-212.	1.7	15
3	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
4	PM3 semiempirical study and its comparison with X-ray crystal structure of 2-methyl-4-(4-methoxyphenylazo)phenol. <i>Structural Chemistry</i> , 2006, 17, 393-399.	2.0	12
5	Synthesis and Characterization of Copper(II) Phthalocyanines Substituted With Four Aza Macrocyclic Groups. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1995, 25, 1165-1175.	1.8	11
6	Crystal structure and Hirshfeld surface analysis of dimethyl 3,3-[[[(1 <i></i>E</i>),2<i></i>E</i>)-ethane-1,2-diylidene]bis(azanylylidene)}bis(4-methylbenzoate). <i>Acta Crystallographica Section E: Crystallographic Communications</i>, 2022, 78, 340-345.</i></i>	0.5	11
7	Conformational analysis and crystal structure of (E)-3-methyl-4-(p-tolyl diazenyl)phenol. <i>Structural Chemistry</i> , 2007, 18, 87-93.	2.0	10
8	A3B type unsymmetrical and amphiphilic phthalocyanines: Synthesis, characterization, thermal stability and aggregation studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117694.	3.9	8
9	Molecular structure, spectroscopic, and density functional theory studies of o-Dianisidine. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 648, 183-201.	0.9	7
10	Spectroscopic Investigations on Polymeric Tetra Benzo 18-Crown-6 Ether Bridged Metal-Free Phthalocyanine. <i>Spectroscopy Letters</i> , 1991, 24, 741-748.	1.0	6
11	Crystal Structure of 1,2-Bis(4-allyl-2-methoxyphenoxy)-4,5-dicyanobenzene.. <i>Analytical Sciences</i> , 2000, 16, 663-664.	1.6	6
12	PM3 semiempirical study and its comparison with X-ray crystal structure of 4-[2-Methyl-4-(4-methoxyphenylazo)] phenoxyphthalonitrile. <i>Journal of Chemical Crystallography</i> , 2006, 36, 709-714.	1.1	6
13	Crystal Structure of N-2-Methoxyphenyl-2-oxo-5-nitro-1-benzylidene-methylamine. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2008, 24, X237-X238.	0.1	6
14	Two new zinc(II) and mercury(II) complexes based on <i>< i>N</i>, < i>N</i>â€²-(cyclohexane-1,2-diylidene)bis(4-fluorobenzohydrazide): synthesis, crystal structures and antibacterial activities. <i>Acta Crystallographica Section C, Structural Chemistry</i>, 2020, 76, 476-482.</i>	0.5	6
15	Synthesis and Characterization of Novel Phthalocyanines Containing N-(n-Octyl)Mercapto Acetamid Substituents. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2005, 35, 819-824.	0.6	5
16	Crystallographic and conformational analysis of (E)-2-isopropyl-4-(p-tolyl diazenyl)phenol. <i>Structural Chemistry</i> , 2008, 19, 565-570.	2.0	5
17	Desynchronization of Pedal Motion: Crystallographic and Theoretical Study of (E)-4-[(4-ethylphenyl)diazenyl]-2-methylphenol. <i>Journal of Chemical Crystallography</i> , 2008, 38, 671-677.	1.1	4
18	Molecular and Crystal Structure of 2-{(E)-[(5-Chloro-2-methoxyphenyl)imino]methyl}-4-nitrophenol. <i>Crystallography Reports</i> , 2018, 63, 372-374.	0.6	4

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19	Crystal structure and Hirshfeld surface analysis of a Schiff base: (<i>i>Z</i>)-6-[[(5-chloro-2-methoxyanilino)methylidene]-2-hydroxycyclohexa-2,4-dien-1-one. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 362-366.</i>	0.5	4
20	Crystal structure and DFT study of (<i>i>E</i>)-2-chloro-4-[[2-(2,4-dinitrophenyl)hydrazin-1-ylidene]methyl]phenol acetonitrile hemisolvate. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 770-773.</i>	0.5	4
21	Crystal structure and Hirshfeld surface analysis of (<i>i>Z</i>)-6-[[(2-hydroxy-5-nitroanilino)methylidene]-4-methylcyclohexa-2,4-dien-1-one. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 812-815.</i>	0.5	4
22	(<i>i>E</i>)-2-Methyl-6-[3-(trifluoromethyl)phenyliminomethyl]phenol. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3555-o3555.</i>	0.2	3
23	Crystal structure of 2-{{[(5-nitrothiophen-2-yl)methylidene]amino}phenol. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o418-o418.	0.5	3
24	(<i>i>Z</i>)-3-({[3-Methoxy-5-(trifluoromethyl)phenyl]imino}methyl)benzene-1,2-diol. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 470-474.</i>	0.5	3
25	Crystal structure, DFT and MEP study of (<i>i>E</i>)-2-[(2-hydroxy-5-methoxybenzylidene)amino]benzonitrile. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 987-990.</i>	0.5	3
26	Crystal structure and Hirshfeld surface analysis of 2-{{[(4-iodophenyl)imino]methyl}-4-nitrophenol. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1146-1149.	0.5	3
27	Crystal structure and computational study of 2,4-dichloro-N-[(E)-(5-nitrothiophen-2-yl)methylidene]aniline. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1187-1189.	0.5	2
28	Molecular and crystal structure of 2-{(E)-[(4-Methylphenyl)imino]methyl}-4-nitrophenol: A redetermination. Crystallography Reports, 2016, 61, 239-242.	0.6	2
29	Crystal structure, Hirshfeld surface analysis and DFT studies of 4-methyl-2-{{[4-(trifluoromethyl)phenyl]imino}methyl}phenol. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1325-1330.	0.5	2
30	Crystal structure, Hirshfeld surface analysis and DFT studies of 2-[(2-hydroxy-5-methylbenzylidene)amino]benzonitrile. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1195-1200.	0.5	2
31	Crystal structure, Hirshfeld surface analysis and DFT studies of (<i>i>E</i>)-2-{{[(3-chloro-4-methylphenyl)imino]methyl}-4-methylphenol. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1320-1324.</i>	0.5	2
32	Crystal structure and Hirshfeld surface analysis of 6,6€2-((1 <i>i>E</i>,1€2<i>i>E</i>)-{[1,4-phenylenebis(methylene)]bis(azanylylidene)}bis(methaneylylidene)}bis(2-methoxyphenol). Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 84-87.</i></i>	0.5	2
33	Synthesis, crystallographic analysis and Hirshfeld surface analysis of 4-bromo-2-{{[2-(5-bromo-2-nitrophenyl)hydrazin-1-ylidene]methyl}-5-fluorophenol. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 1628-1632.	0.5	1
34	Crystal Structure of 2-((E)-(5-Bromo-2- hydroxybenzylidene)hydrazone)-1,2-diphenylethanone. Crystallography Reports, 2018, 63, 375-378.	0.6	1
35	Spectroscopic and Theoretical Studies and Intramolecular Proton Transfer in (Z)-2-Hydroxy-6-{{[(2-methoxy-5-(trifluoromethyl)phenyl)amino)methylene]cyclohexa-2,4-dien-1-one. Russian Journal of Physical Chemistry A, 2021, 95, 1621-1631.	0.6	1
36	Crystal structure and Hirshfeld surface analysis of (<i>i>Z</i>)-6-[(2-hydroxy-4-methylanilino)methylidene]-4-methylcyclohexa-2,4-dien-1-one. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 785-788.</i>	0.5	1

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37	Synthesis, X-ray diffraction, spectroscopic (FT-IR, UV-Vis, ^1H-NMR , ^13C-NMR and) Tj ETQql 1 0.784314 rgBT / benzene-1,2-diol. Molecular Crystals and Liquid Crystals, 0, , 1-15.	0.9	1
38	Crystal Structure of N-n-Propylalcohol-2-oxo-5-nitro-1-benzylidene-methylamine. X-ray Structure Analysis Online, 2009, 25, 25-26.	0.2	0
39	Anchor Effect on Pedal Motion Observed in Crystal Phase of an Azobenzene Derivative. Journal of Chemical Crystallography, 2011, 41, 1642-1648.	1.1	0
40	Crystal and Molecular Structure of 2-(4-Ethoxyphenyl)isoindoline-1,3-dione. Crystallography Reports, 2018, 63, 1116-1119.	0.6	0
41	Crystal structure and Hirshfeld surface analysis of (<i>i</i> Z <i>j</i> -2-{{(2,4-dimethylphenyl)imino]methyl}-4-methylphenol. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 1087-1090.	0.5	0
42	(<i>i</i> E <i>j</i>)-3-{{(2-Bromo-3-methylphenyl)imino]methyl}benzene-1,2-diol: crystal structure and Hirshfeld surface analysis. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1930-1933.	0.5	0
43	Crystal structure, Hirshfeld surface analysis and DFT studies of (<i>i</i> E <i>j</i>)-4-methyl-2-{{(4-methylphenyl)imino]methyl}phenol. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1075-1079.	0.5	0