

N Burcu Arslan

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

297
citations

1040056

9
h-index

940533

16
g-index

41
all docs

41
docs citations

41
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidovanadium(V) complexes containing hydrazone based O,N,O-donor ligands: Synthesis, structure, catalytic properties and theoretical calculations. <i>Polyhedron</i> , 2014, 69, 90-102.	2.2	58
2	Direct and solvent-assisted thione \rightleftharpoons thiol tautomerism in 5-(thiophen-2-yl)-1,3,4-oxadiazole-2(3H)-thione: Experimental and molecular modeling study. <i>Chemical Physics</i> , 2014, 439, 1-11.	1.9	46
3	Functionalized imidazolium and benzimidazolium salts as paraoxonase 1 inhibitors: Synthesis, characterization and molecular docking studies. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1392-1401.	3.0	26
4	N-(4-Nitrobenzoyl)-N \rightleftharpoons -(1,5-dimethyl-3-oxo-2-phenyl-1H-3(2H)-pyrazolyl)-thiourea hydrate: Synthesis, spectroscopic characterization, X-ray structure and DFT studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 89, 30-38.	3.9	19
5	Palladium(II) complexes bearing bidentate pyridyl-sulfonamide ligands: Synthesis and catalytic applications. <i>Polyhedron</i> , 2015, 85, 748-753.	2.2	18
6	Supramolecular lead(II) azide complex of 2,6-diacetylpyridine dihydrazone: synthesis, molecular structure, and biological activity. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2966-2973.	2.2	15
7	(E)-N \rightleftharpoons -(2-Hydroxybenzylidene)furan-2-carbohydrazide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2015-o2015.	0.2	13
8	Direct and solvent-assisted keto \rightleftharpoons enol tautomerism and hydrogen-bonding interactions in 4-(m-chlorobenzylamino)-3-phenyl-4,5-dihydro-1H-1,2,4-triazol-5-one: a quantum-chemical study. <i>Journal of Molecular Modeling</i> , 2015, 21, 19.	1.8	11
9	Iron(III) complex of a tridentate NNN type ligand: synthesis, X-ray structure, thermal analysis and voltammetric studies. <i>Transition Metal Chemistry</i> , 2009, 34, 403-407.	1.4	10
10	Chloro-Bridged Dimeric Cadmium(II)-Isothiocyanate Complex with a Tridentate NNN Type Ligand: Synthesis, X-ray Structure, Thermal Analysis. <i>Journal of Chemical Crystallography</i> , 2010, 40, 160-164.	1.1	10
11	Synthesis, crystal structure and biological activity of the nickel(II) complex of 2,6-diacetylpyridinedihydrazone. <i>Transition Metal Chemistry</i> , 2007, 32, 884-888.	1.4	9
12	Zinc(II) and Mercury(II) Complexes of Pyrazole \rightleftharpoons Based NNN \rightleftharpoons Type Ligands: Syntheses, X \rightleftharpoons ray Structures, Thermal Analyses and DFT Studies. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1238-1245.	1.2	8
13	(<i>E</i>)-4-Hydroxy-N \rightleftharpoons -(2-hydroxy-5-iodobenzylidene)benzohydrazide methanol monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2698-o2698.	0.2	6
14	Experimental and theoretical investigation of N-(4-nitrobenzoyl)-S-(cyclohexyl)-dithiocarbamate, N-(4-nitrobenzoyl)-S-benzylidithiocarbamate. <i>Journal of Molecular Structure</i> , 2018, 1155, 646-653.	3.6	6
15	4-(2-Pyridylmethyleneamino)-3-(2-thienylmethyl)-1H-1,2,4-triazol-5(4H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o3067-o3068.	0.2	5
16	3-Amino-4-[4-(dimethylamino)phenyl]-4,5-dihydro-1,2,5-thiadiazole 1,1-dioxide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1736-o1736.	0.2	5
17	Tautomerism in 4-chlorophenyl benzoylcarbamo-dithioate: Experimental and DFT study. <i>Journal of Molecular Structure</i> , 2017, 1137, 233-239.	3.6	4
18	N-Benzoyl-S-(undecyl)-dithiocarbamate: Synthesis, characterization, X-ray single crystal structure, thermal behavior and computational studies. <i>Journal of Molecular Structure</i> , 2020, 1203, 127414.	3.6	4

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19	Methyl 1-n-butyl-2-(3,4-dichlorophenyl)-1H-benzimidazole-5-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1535-o1537.	0.2	3
20	Synthesis, characterization, and crystal structure of bis[4-(3-oxo-1-phenylthiocarbamidophenyl)]ether. Crystallography Reports, 2014, 59, 955-960.	0.6	3
21	3-(4-Methoxyphenyl)-1H-isochromen-1-one. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o128-o128.	0.2	3
22	Synthesis, Crystal Structure and Cyclic Voltammetric Behavior of N-aryloxy-(4-oxo-1-phenylthioureas. MolBank, 2022, 2022, M1316.	0.5	3
23	4-Amino-3-p-chlorobenzyl-4,5-dihydro-1,2,4-triazol-5-one. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o578-o579.	0.2	2
24	Synthesis, crystal structure and biological activity of the nickel(II) complex of 2,6-diacetylpyridinedihydrazone. Acta Crystallographica Section A: Foundations and Advances, 2007, 63, s204-s204.	0.3	2
25	Synthesis, spectroscopic and structural characterisation of two p-nitrobenzamide compounds: experimental and DFT study. Molecular Physics, 2015, 113, 608-621.	1.7	2
26	2,6-Dimethyl-4H-1-benzopyran-4-one. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o2238-o2240.	0.2	1
27	2-Acetamidobenzonitrile. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1652-o1653.	0.2	1
28	(E,E)-N,N'-bis[4-[(2-Benzoylhydrazin-1-ylidene)methyl]benzylidene]benzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1433-o1433.	0.2	1
29	Synthesis, spectral properties, crystal structure and theoretical calculations of a new geminal diamine: 2,2,2-Trichloro-N,N'-bis(2-nitrophenyl)-ethane-1,1-diamine. Journal of Molecular Structure, 2021, 1232, 129976.	3.6	1
30	1-(4-Chloro-3-fluorophenyl)-2-[(3-phenylisoquinolin-1-yl)sulfanyl]ethanone. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o334-o334.	0.2	1
31	Synthesis and structural X-ray analysis of 1,1'-(naphthalene-1,8-diyl)-3,3'-dibenzoyl-bisthiourea and its use as anion-binding receptor. Turkish Journal of Chemistry, 0, , .	1.2	1
32	1,2,4,5-Tetrakis(2-tert-butyl-4-methylphenoxy)methyl)benzene. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o2378-o2379.	0.2	0
33	4-[(2-Hydroxybenzylidene)amino]-5-(2-thienylmethyl)-2H-1,2,4-triazol-3(4H)-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2493-o2494.	0.2	0
34	Ethyl 5-oxo-4-[(2-pyridylmethylene)amino]-3-(2-thienylmethyl)-4,5-dihydro-1H-1,2,4-triazole-1-acetate (TFâ€“S-pyridine-3-ester). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2778-o2780.	0.2	0
35	4,4'-Bipyridinium 1/4-oxo-bis(fluorodioxochromate). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m2191-m2193.	0.2	0
36	N,N-Bis(2-hydroxybenzylidene)phenylen-1,2-diamine. Acta Crystallographica Section A: Foundations and Advances, 2006, 62, s174-s174.	0.3	0

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37	Synthesis, Characterization, Crystal Structure, Thermal Behavior, and Biological Activity of a New Heterotrinnuclear Complex: $[(NiL(NCS)(H_2O))_2]_2Cd(DMF)_2$. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 1224-1233.	0.6	0
38	Experimental and theoretical investigation of <i>N</i> -(4-Nitrobenzoyl)-S-(2-hydroxyethyl)-carbamodithioate. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 1084-1092.	1.6	0
39	Hemidirected novel lead(II) azide complex of 2,6-diacetylpyridine dihydrazone. Acta Crystallographica Section A: Foundations and Advances, 2008, 64, C417-C417.	0.3	0
40	Synthesis and characterizations of some new triazol-3-one derivatives. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s267-s267.	0.3	0
41	Experimental and ab initio computational studies on <i>N</i> -(4-nitrobenzoyl)- N^2 -(1,5-dimethyl-3-oxo-2-phenyl-1H-3(2H)-pyrazolyl)thiourea. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C253-C253.	0.3	0