

# N Burcu Arslan

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, Crystal Structure and Cyclic Voltammetric Behavior of N-aryl-N <sup>ε</sup> -(4-cyanophenyl)thioureas. MolBank, 2022, 2022, M1316.	0.5	3
2	Synthesis, spectral properties, crystal structure and theoretical calculations of a new geminal diamine: 2,2,2-Trichloro-N,N <sup>ε</sup> -bis(2-nitrophenyl)-ethane-1,1-diamine. Journal of Molecular Structure, 2021, 1232, 129976.	3.6	1
3	Experimental and theoretical investigation of N-(4-Nitrobenzoyl)-S-(2-hydroxyethyl)-carbamidithioate. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 1084-1092.	1.6	0
4	N-Benzoyl-S-(undecyl)-dithiocarbamate: Synthesis, characterization, X-ray single crystal structure, thermal behavior and computational studies. Journal of Molecular Structure, 2020, 1203, 127414.	3.6	4
5	Experimental and theoretical investigation of N-(4-nitrobenzoyl)-S-(cyclohexyl)-dithiocarbamate, N-(4-nitrobenzoyl)-S-benzylidithiocarbamate. Journal of Molecular Structure, 2018, 1155, 646-653.	3.6	6
6	Tautomerism in 4-chlorophenyl benzoylcarbamidithioate: Experimental and DFT study. Journal of Molecular Structure, 2017, 1137, 233-239.	3.6	4
7	Functionalized imidazolium and benzimidazolium salts as paraoxonase 1 inhibitors: Synthesis, characterization and molecular docking studies. Bioorganic and Medicinal Chemistry, 2016, 24, 1392-1401.	3.0	26
8	Direct and solvent-assisted keto-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. Journal of Molecular Modeling, 2015, 21, 19.	1.8	11
9	Synthesis, Characterization, Crystal Structure, Thermal Behavior, and Biological Activity of a New Heterotrinary Complex: [(NiL(NCS)(H <sub>2</sub> O)) <sub>2</sub> Cd(DMF) <sub>2</sub> ]. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 1224-1233.	0.6	0
10	Synthesis, spectroscopic and structural characterisation of two p-nitrobenzamide compounds: experimental and DFT study. Molecular Physics, 2015, 113, 608-621.	1.7	2
11	Palladium(II) complexes bearing bidentate pyridyl-sulfonamide ligands: Synthesis and catalytic applications. Polyhedron, 2015, 85, 748-753.	2.2	18
12	Synthesis, characterization, and crystal structure of bis[4-(3-benzoyl)thiocarbamidophenyl]ether. Crystallography Reports, 2014, 59, 955-960.	0.6	3
13	Oxidovanadium(V) complexes containing hydrazone based O,N,O-donor ligands: Synthesis, structure, catalytic properties and theoretical calculations. Polyhedron, 2014, 69, 90-102.	2.2	58
14	Direct and solvent-assisted thione-thiol tautomerism in 5-(thiophen-2-yl)-1,3,4-oxadiazole-2(3H)-thione: Experimental and molecular modeling study. Chemical Physics, 2014, 439, 1-11.	1.9	46
15	(E)-4-Hydroxy-N <sup>ε</sup> -(2-hydroxy-5-iodobenzylidene)benzohydrazide methanol monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2698-o2698.	0.2	6
16	(E,E)-N <sup>ε</sup> -{4-[(2-Benzoylhydrazin-1-ylidene)methyl]benzylidene}benzohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1433-o1433.	0.2	1
17	N-(4-Nitrobenzoyl)-N <sup>ε</sup> -(1,5-dimethyl-3-oxo-2-phenyl-1H-3(2H)-pyrazolyl)-thiourea hydrate: Synthesis, spectroscopic characterization, X-ray structure and DFT studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 89, 30-38.	3.9	19
18	Zinc(II) and Mercury(II) Complexes of Pyrazole-Based NNN-Type Ligands: Syntheses, X-ray Structures, Thermal Analyses and DFT Studies. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1238-1245.	1.2	8

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19	3-Amino-4-[4-(dimethylamino)phenyl]-4,5-dihydro-1,2,5-thiadiazole 1,1-dioxide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1736-o1736.	0.2	5
20	Experimental and ab initio computational studies on N-(4-nitrobenzoyl)-N <sup>ε</sup> -(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
21	Chloro-Bridged Dimeric Cadmium(II)-Isothiocyanate Complex with a Tridentate NNN Type Ligand: Synthesis, X-ray Structure, Thermal Analysis. Journal of Chemical Crystallography, 2010, 40, 160-164.	1.1	10
22	(E)-N <sup>ε</sup> -(2-Hydroxybenzylidene)furan-2-carbohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2015-o2015.	0.2	13
23	Supramolecular lead(II) azide complex of 2,6-diacetylpyridine dihydrazone: synthesis, molecular structure, and biological activity. Journal of Coordination Chemistry, 2009, 62, 2966-2973.	2.2	15
24	Iron(III) complex of a tridentate NNN type ligand: synthesis, X-ray structure, thermal analysis and voltammetric studies. Transition Metal Chemistry, 2009, 34, 403-407.	1.4	10
25	3-(4-Methoxyphenyl)-1H-isochromen-1-one. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o128-o128.	0.2	3
26	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
27	Synthesis and characterizations of some new triazol-3-one derivatives. Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s267-s267.	0.3	0
28	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
29	Synthesis, crystal structure and biological activity of the nickel(II) complex of 2,6-diacetylpyridine dihydrazone. Acta Crystallographica Section A: Foundations and Advances, 2007, 63, s204-s204.	0.3	2
30	Synthesis, crystal structure and biological activity of the nickel(II) complex of 2,6-diacetylpyridine dihydrazone. Transition Metal Chemistry, 2007, 32, 884-888.	1.4	9
31	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
32	Ethyl 5-oxo-4-[(2-pyridylmethylene)amino]-3-(2-thienylmethyl)-4,5-dihydro-1H-1,2,4-triazole-1-acetate (TF <sup>+</sup> S-pyridine-3-ester). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o2778-o2780.	0.2	0
33	4-(2-Pyridylmethyleneamino)-3-(2-thienylmethyl)-1H-1,2,4-triazol-5(4H)-one. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o3067-o3068.	0.2	5
34	4,4 <sup>ε</sup> -Bipyridinium 1/4-oxo-bis(fluorodioxochromate). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m2191-m2193.	0.2	0
35	N,N-Bis(2-hydroxybenzylidene)phenylen-1,2-diamine. Acta Crystallographica Section A: Foundations and Advances, 2006, 62, s174-s174.	0.3	0
36	2-Acetamidobenzonitrile. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1652-o1653.	0.2	1

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37	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
38	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
39	2,6-Dimethyl-4H-1-benzopyran-4-one. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o2238-o2240.	0.2	1
40	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
41	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