

Reza Takjoo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structural and theoretical studies of iron(III) and copper(II) complexes of dianion N1,N4-bis(salicylidene)-S-alkyl-thiosemicarbazide. <i>Journal of Molecular Structure</i> , 2022, 1255, 132388.	3.6	2
2	Preparation of nano-TiO ₂ sensitized by new ruthenium complex for photocatalytic degradation of methylene blue under visible light irradiation. <i>Journal of Coordination Chemistry</i> , 2022, 75, 808-821.	2.2	0
3	Structural, theoretical investigations and HSA-interaction studies of three new copper(II) isothiosemicarbazone complexes. <i>Polyhedron</i> , 2022, 224, 115986.	2.2	1
4	Synthesis, Characterization, and Crystal Structure Investigation of a New Uranyl Complex of Isothiosemicarbazone. <i>Crystallography Reports</i> , 2021, 66, 468-475.	0.6	1
5	Synthesis and HSA-interaction of a new mixed ligand Cu-isothiosemicarbazone complex with adenine nucleobase. <i>Polyhedron</i> , 2020, 179, 114357.	2.2	8
6	Synthesis, characterization and bioactivity studies of new dithiocarbamate complexes. <i>New Journal of Chemistry</i> , 2020, 44, 8878-8889.	2.8	10
7	HSA-interaction studies of uranyl complexes of alkyl substituted isothiosemicarbazone. <i>Journal of Molecular Structure</i> , 2019, 1193, 53-61.	3.6	16
8	Synthesis and X-ray crystal structures of some isothiosemicarbazone complexes. <i>Transition Metal Chemistry</i> , 2019, 44, 525-534.	1.4	1
9	Synthesis and Crystal Structure of [Benzyl N'-[[2-(hydroxy-kO)phenyl]ethylene]-N-[[2-(hydroxy-kO)phenyl]methylene]-carbamohydranothioato-kN,kN']-ethanol-dioxido-uranium. <i>Crystallography Reports</i> , 2019, 64, 1089-1093.		
10	Synthesis & crystal structures of four new biochemical active Ni(II) complexes of thiosemicarbazone and isothiosemicarbazone-based ligands: In vitro antimicrobial study. <i>Journal of Molecular Structure</i> , 2019, 1181, 287-294.	3.6	21
11	A theoretical and experimental study of six novel new complexes of alkyl substituted isothiosemicarbazone. <i>Inorganica Chimica Acta</i> , 2019, 484, 322-331.	2.4	6
12	Dioxidouranium isothiosemicarbazone coordination compounds: synthesis, characterization, crystal structure, and thermal behavior. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1048-1062.	2.2	4
13	Mixed ligand complexes of cadmium(II) and copper(II) dithiocarbamate: Synthesis, spectral characterization, X-ray crystal structure. <i>Inorganica Chimica Acta</i> , 2018, 471, 587-594.	2.4	19
14	Molecular design and synthesis of new dithiocarbamate complexes; crystal structure, bioactivities and nano studies. <i>RSC Advances</i> , 2018, 8, 41795-41809.	3.6	16
15	Fe(III), Cu(II) and U(VI) binuclear complexes with a new isothiosemicarbazone ligand: Syntheses, characterization, crystal structures, thermal behavior and theoretical investigations. <i>Inorganica Chimica Acta</i> , 2018, 482, 643-653.	2.4	3
16	Synthesis, crystal-molecular structure and spectral investigation of mixed-ligand Cu(II) new complex with 1,10-phenanthroline bidentate ligand by Salicylaldehyde S-benzylisothiosemicarbazone. <i>Iranian Journal of Crystallography and Mineralogy</i> , 2018, 26, 479-488.	0.1	0
17	Effect of solvents in mixed-ligand supramolecular self-assembly architectures. <i>Polyhedron</i> , 2017, 134, 41-49.	2.2	6
18	Synthesis, spectral characterization, DFT calculations, antimicrobial activity and molecular docking of 4-bromo-2-((2-hydroxy-5-methylphenylimino)methyl)phenol and its V(V) complex. <i>Inorganica Chimica Acta</i> , 2017, 455, 173-182.	2.4	29

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19	Dioxidomolybdenum(VI) complexes of allyl <i>N</i> '-2-hydroxy-3-methoxybenzylidenecarbamohydrazoneothioate: synthesis, spectral, and theoretical investigations. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1100-1109.	2.2	9
20	Preparation, X-ray structure, spectral analysis, DFT calculation and thermal study on palladium(II) coordination compound with Schiff base derived from S-allyldithiocarbazate. <i>Inorganica Chimica Acta</i> , 2016, 447, 52-58.	2.4	18
21	A Uranium-Based Isothiosemicarbazone Schiff Base Complex. , 2016, , 127-138.		3
22	Square planar nickel(II) complexes derived from 5-bromo-2-hydroxybenzaldehyde S-ethylisothiosemicarbazone: Preparation, characterization and structural studies. <i>Polyhedron</i> , 2014, 80, 243-249.	2.2	8
23	Synthesis and Spectral Study of a Copper(I) Complex, [Cu(L)(PPh ₃) ₂], with NS-Donor Ligand. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 596-605.	1.6	4
24	Synthesis, characterization, X-ray structure and DFT calculation of two Mo(VI) and Ni(II) Schiff-base complexes. <i>Comptes Rendus Chimie</i> , 2014, 17, 1144-1153.	0.5	23
25	An integrated experimental and theoretical investigation of the structural and spectroscopic properties of two nickel(II) isothiosemicarbazone complexes. <i>Journal of Coordination Chemistry</i> , 2014, 67, 1392-1404.	2.2	5
26	Copper(II) and molybdenum(VI) complexes with 5-bromosalicylaldehyde <i>S</i> -allylisothiosemicarbazone: Syntheses, characterizations and crystal structures. <i>Journal of Coordination Chemistry</i> , 2013, 66, 345-357.	2.2	28
27	New 5-bromo-2-hydroxybenzaldehyde S-ethylisothiosemicarbazone and its mixed-ligand Cu(II) complex with imidazole: synthesis, characterization and DFT calculation. <i>Open Chemistry</i> , 2013, 11, 1844-1851.	1.9	5
28	X-ray structure and theoretical studies on a palladium(II) Schiff base complex. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1866-1875.	2.2	13
29	Co(III) and Fe(III) complexes of Schiff bases derived from 2,4-dihydroxybenzaldehyde <i>S</i> -allyl-isothiosemicarbazonehydrobromide. <i>Journal of Coordination Chemistry</i> , 2013, 66, 3915-3925.	2.2	16
30	Synthesis, X-ray structure, spectroscopic properties and DFT studies of some dithiocarbazate complexes of nickel(II). <i>Journal of Molecular Structure</i> , 2013, 1031, 180-185.	3.6	42
31	Selective Oxidation of Thiols and Alcohols by Physically Encapsulated Nickel Schiff-Base Complex Prepared Via Sol-Gel Method as Nano-Catalyst. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2013, 43, 264-272.	0.6	6
32	Ring to open-chain transformation induced by selective metal coordination in a new dithiocarbazate ligand. <i>Inorganica Chimica Acta</i> , 2013, 404, 29-33.	2.4	11
33	Synthesis, spectroscopy, DFT and crystal structure investigations of 3-methoxy-2-hydroxybenzaldehyde S-ethylisothiosemicarbazone and its Ni(II) and Mo(VI) complexes. <i>Polyhedron</i> , 2013, 55, 225-232.	2.2	30
34	Synthesis, spectral, DFT and X-ray study of a <i>cis</i> -MoO ₂ complex with a new isothiosemicarbazone ligand. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1854-1865.	2.2	14
35	Synthesis, structural, and thermal analyses of copper(II) and oxido-vanadium(IV) complexes of 4-bromo-2-(((5-chloro-2-hydroxyphenyl)imino)methyl)phenol. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2852-2862.	2.2	28
36	Nickel(II) and copper(II) complexes of allyl 2-(thiophen-2-ylmethylene)hydrazinecarbodithioate: synthesis, X-ray crystal structures, and theoretical study. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1569-1579.	2.2	31

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37	(Butan-2-ol- $\hat{\text{I}}^{\circ}\text{O}$) [2-((ethylsulfanyl) [2-(2-oxidobenzylidene- $\hat{\text{I}}^{\circ}\text{O}$)hydrazinylidene- $\hat{\text{I}}^{\circ}\text{N}_2$]methyl)iminomethyl)phenolato- $\hat{\text{I}}^{\circ}\text{O}$]dioxidouranium(IV) monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m255-m256.	0.2	2
38	Bis[$\hat{\text{I}}^{\circ}\text{N}_4$ -(2-oxidobenzylidene)thiosemicarbazidato- $\hat{\text{I}}^{\circ}\text{S}$]nickel(II) bis[(pyridine- $\hat{\text{I}}^{\circ}\text{N}$)]nickel(II) complex. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m106-m107.	0.2	1
39	(Dimethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (sulfoxide- $\hat{\text{I}}^{\circ}\text{O}$) [2-((ethylsulfanyl) [2-(2-oxidobenzylidene- $\hat{\text{I}}^{\circ}\text{O}$)hydrazinylidene- $\hat{\text{I}}^{\circ}\text{N}_2$]methyl)iminomethyl)phenolato- $\hat{\text{I}}^{\circ}\text{O}$]dioxidouranium(IV) monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m244-m245.	0.2	8
40	{4-Bromo-2-((2-((ethylsulfanyl) [(2-oxidobenzylidene- $\hat{\text{I}}^{\circ}\text{O}$)amino- $\hat{\text{I}}^{\circ}\text{N}$]methylidene)hydrazinylidene- $\hat{\text{I}}^{\circ}\text{N}_1$)methyl)phenolato- $\hat{\text{I}}^{\circ}\text{O}$)}(butan-2-ol- $\hat{\text{I}}^{\circ}\text{O}$)dioxidouranium(IV) monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m279-m280.	0.2	3
41	[2-(1-{2-[Azanidyl(ethylsulfanyl)methylidene- $\hat{\text{I}}^{\circ}\text{N}$]hydrazin-1-ylidene- $\hat{\text{I}}^{\circ}\text{N}_1$]ethyl)phenolato- $\hat{\text{I}}^{\circ}\text{O}$)}(pyridine- $\hat{\text{I}}^{\circ}\text{N}$)nickel(II)]nickel(II) complex. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m911-m911.	0.2	4
42	[2-(1-{2-[Azanidyl(ethylsulfanyl)methylidene- $\hat{\text{I}}^{\circ}\text{N}$]hydrazin-1-ylidene- $\hat{\text{I}}^{\circ}\text{N}_1$]ethyl)phenolato- $\hat{\text{I}}^{\circ}\text{O}$)}(dimethylamino)nickel(II)]nickel(II) complex. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m944-m945.	0.2	1
43	Oxido[2-((E)-((1E)-{2-[1-(2-oxidophenyl)ethylidene]hydrazin-1-ylidene} (prop-2-en-1-ylsulfanyl)methyl)imino)methyl]phenolato]vanadium(V) complex. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1033-m1034.	0.2	1
44	Dianion N1,N4-bis(salicylidene)-S-allyl-thiosemicarbazide complexes: Synthesis, structure, spectroscopy and thermal behavior. Polyhedron, 2012, 42, 128-134.	2.2	41
45	Synthesis, characterization, crystal structure and thermal behavior of 4-Bromo-2-((5-chloro-2-hydroxyphenyl)imino)methyl)phenol and its oxido-vanadium(V) complexes. Journal of Molecular Structure, 2012, 1028, 148-155.	3.6	43
46	Synthesis, spectroscopy, X-ray crystal structure, and DFT studies on a platinum(II) Schiff-base complex. Journal of Coordination Chemistry, 2012, 65, 4115-4124.	2.2	8
47	Complexes with <i>cis</i> -MoO ₂ unit of new isothiosemicarbazone. Journal of Coordination Chemistry, 2012, 65, 3403-3412.	2.2	22
48	S-allyl-3-(2-pyridyl-methylene)dithiocarbazate ligand and its manganese(II), cobalt(III) and nickel(II) complexes. Inorganica Chimica Acta, 2011, 371, 36-41.	2.4	43
49	[S-Allyl-4-(4-hydroxy-2-oxidobenzylidene- $\hat{\text{I}}^{\circ}\text{O}$)-1-(2-oxidobenzylidene- $\hat{\text{I}}^{\circ}\text{O}$)isothiosemicarbazidato- $\hat{\text{I}}^{\circ}\text{N}_1, \text{N}_4$](ethanol- $\hat{\text{I}}^{\circ}\text{O}$)dioxidouranium(IV) monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1824-m1825.	0.2	2
50	3,6-Di(p-chlorophenyl)-2,7-dihydro-1,4,5-thiadiazepine: Crystal Structure and Decoding Intermolecular Interactions with Hirshfeld Surface Analysis. Journal of Chemical Crystallography, 2010, 40, 746-752.	1.1	10
51	Molecular structures and spectroscopic characterization of cobalt(III) and nickel(II) complexes of N-(2-hydroxyethyl)-2-(thiophene-2-ylmethylene)-hydrazinocarbothioamide. Transition Metal Chemistry, 2010, 35, 959-965.	1.4	15
52	Mixed Ligand Palladium(II) Complex with NS ²⁻ Bidentate S-Allyldithiocarbazate Schiff Base: Synthesis, Spectral Characterization, Crystal Structure and Decoding Intermolecular Interactions with Hirshfeld Surface Analysis. Chinese Journal of Chemistry, 2010, 28, 221-228.	4.9	23
53	New 2-pyridinealdehyde N 4-hydroxyethyl thiosemicarbazone and their Cd(II) and Cu(II) complexes: synthesis, spectral, in vitro antibacterial activity and molecular and supramolecular structure study. Journal of Sulfur Chemistry, 2010, 31, 415-426.	2.0	8
54	Synthesis, Characterization and Structure of DBU-hydrobromide-perbromide: A Novel Oxidizing Agent for Selective Oxidation of Alcohols to Carbonyl Compounds. Bulletin of the Korean Chemical Society, 2010, 31, 949-952.	1.9	11

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55	Regioselective Synthesis of New 2-(E)-Cyano(thiazolidin-2-ylidene)thiazoles. <i>Molecules</i> , 2009, 14, 4849-4857.	3.8	10
56	The preparation, spectroscopic characterization and X-ray crystal structures of the pyrrole-2-carboxaldehyde Schiff base of S-allyldithiocarbamate (HL) and its nickel(II) complex ([Ni(L)2]). <i>Journal of Coordination Chemistry</i> , 2009, 62, 3651-3660.	2.2	18
57	Synthesis, crystal structure of new linear trinuclear isovalence Co(II) ([Co3(Hâ€“L)2(L)2]), and visualizing intermolecular interactions with Hirshfeld surface method. <i>Structural Chemistry</i> , 2008, 19, 895-903.	2.0	35
58	Synthesis and Spectroscopic Characterization of the Benzaldehyde Schiff Base of S-Allyldithiocarbamate and its Copper(II) Complex and the Xâ€“ray Crystal Structure of <i>Allgemeine Chemie</i> , 2008, 634, 972-976.	1.2	16