Anvarhusein A Isab

List of Publications by Year in descending order

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219 papers

3,882 citations

33 h-index 223800 46 g-index

222 all docs 222 docs citations

times ranked

222

2720 citing authors

#	Article	IF	Citations
1	A novel cyclic dinuclear gold(<scp>i</scp>) complex induces anticancer activity <i>via</i> an oxidative stress-mediated intrinsic apoptotic pathway in MDA-MB-231 cancer cells. Dalton Transactions, 2022, 51, 2760-2769.	3.3	7
2	Versatile coordination chemistry of mixed ligand silver(I) complexes of phosphanes and thioamides: Structural features and biological properties. Polyhedron, 2022, 214, 115643.	2.2	7
3	Synthesis, in vitro anticancer activity and reactions with biomolecule of gold(I)-NHC carbene complexes. Journal of Molecular Structure, 2022, 1255, 132482.	3.6	4
4	Gold(I) and gold(III) complexes supported by a pyrazine / pyrimidine wingtip N-heterocyclic carbene: Synthesis, structure and DFT studies. Journal of Molecular Structure, 2021, 1223, 129253.	3.6	5
5	Morphologically controlled rapid fabrication of rhodium sulfide (Rh ₂ 5 ₃) thin films for superior and robust hydrogen evolution reaction. Sustainable Energy and Fuels, 2021, 5, 459-468.	4.9	6
6	Ruthenium Nanoparticles Intercalated in Montmorillonite (nano-Ru@MMT) Is Highly Efficient Catalyst for the Selective Hydrogenation of 2-Furaldehyde in Benign Aqueous Medium. Catalysts, 2021, 11, 66.	3.5	6
7	Anticancer Activity and Apoptosis Induction of Gold(III) Complexes Containing 2,2′-Bipyridine-3,3′-dicarboxylic Acid and Dithiocarbamates. Molecules, 2021, 26, 3973.	3.8	12
8	Novel synthesis, structural characterization, DFT and TDDFT investigation of †Butterfly†like Ag(I)-Structure, 2021, 1235, 130188.	3.6	2
9	Synthesis, characterization, and miRNA-mediated PI3K suppressing activity of novel cisplatin-derived complexes of selenones. Arabian Journal of Chemistry, 2021, 14, 103245.	4.9	4
10	Histological Changes in Renal, Hepatic and Cardiac Tissues of Wistar Rats after 6 Weeks Treatment with Bipyridine Gold (III) Complex with Dithiocarbamate Ligands. Pharmaceutics, 2021, 13, 1530.	4.5	1
11	Synthesis, anticancer activity and apoptosis induction of gold(I) complexes containing tris(o-methoxyphenyl)phosphane. Inorganica Chimica Acta, 2021, 527, 120567.	2.4	5
12	Synthesis, X-ray structures and antibacterial activities of silver(I) complexes of 1,3-bis(diphenylphosphano)propane (Dppp) and N,N′-dimethylthiourea (Dmtu). Polyhedron, 2020, 175, 114209.	2.2	4
13	Highly cytotoxic gold(<scp>i</scp>)-phosphane dithiocarbamate complexes trigger an ER stress-dependent immune response in ovarian cancer cells. Dalton Transactions, 2020, 49, 7355-7363.	3.3	21
14	Anticancer activity and X-ray structure determination of gold(I) complexes of 2-(diphenylphosphanyl)-1-aminocyclohexane. Polyhedron, 2020, 183, 114532.	2.2	12
15	Synthesis, characterization, DFT optimization and anticancer evaluation of phosphanegold(I) dithiocarbamates. Journal of Molecular Structure, 2020, 1218, 128486.	3.6	8
16	Cytotoxic effects of gold(<scp>i</scp>) complexes against colon, cervical and osteo carcinoma cell lines: a mechanistic approach. New Journal of Chemistry, 2019, 43, 14565-14574.	2.8	9
17	A newly synthesized platinum-based compound (PBC-II) increases chemosensitivity of HeLa ovarian cancer cells via inhibition of autophagy. Saudi Pharmaceutical Journal, 2019, 27, 1203-1209.	2.7	3
18	Crystal structure of a new silver(I) coordination polymer assembled from imidazolidine-2-thione (Imt), {[Ag ₂ (Imt) ₃](NO ₃) ₂ } <i>_n</i> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 565-569.	0.7	3

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19	Synthesis, crystal structure and antimicrobial activities of a dinuclear silver(I) complex of bis(diphenylphosphano)methane and thiourea. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 745-750.	0.7	3
20	Synthesis, X-ray structure, and DFT modeling of a new polymeric zinc(II) complex of 2-mercaptonicotinic acid (MntH), {[Zn(Mnt–Mnt)(en)]·H2O}n. Monatshefte FÂ⅓r Chemie, 2019, 150, 219-2	231 ^{1.8}	3
21	Synthesis and utilization of platinum(II) dialkyldithiocarbamate precursors in aerosol assisted chemical vapor deposition of platinum thin films as counter electrodes for dye-sensitized solar cells. Polyhedron, 2019, 166, 186-195.	2.2	17
22	Potent In Vitro and In Vivo Anticancer Activity of New Bipyridine and Bipyrimidine Gold (III) Dithiocarbamate Derivatives. Cancers, 2019, 11, 474.	3.7	41
23	Periodic DFT modeling and vibrational analysis of silver(I) cyanide complexes of thioureas. Journal of Molecular Modeling, 2019, 25, 90.	1.8	8
24	Synthesis and molecular structure of polymeric bis(N-methylthiourea-κS)bis(thiocyanato-κN)nickel(II), [Ni(Metu)2(NCS)2]; DFT analysis of [Ni(Metu)2(NCS)2] and [Ni(Thiourea)2(NCS)2]. Journal of Molecular Structure, 2019, 1189, 66-72.	3.6	5
25	Synthesis, X-ray structure and in vitro cytotoxicity of trans-diammineplatinum(II) complexes of selenones, trans-[Pt(NH3)2(selenone)2](NO3)2. Polyhedron, 2019, 158, 234-240.	2.2	8
26	Ru(II)â€based antineoplastic: A "wingtip―Nâ€heterocyclic carbene facilitates access to a new class of organometallics that are cytotoxic to common cancer cell lines. Applied Organometallic Chemistry, 2019, 33, e4692.	3.5	9
27	Synthesis, spectroscopic characterization and in vitro cytotoxic as well as docking studies of cis-diammine platinum(II) complexes of thiones. Inorganica Chimica Acta, 2019, 484, 347-351.	2.4	5
28	Synthesis, X-ray structure and cytotoxicity evaluation of carbene-based gold(I) complexes of selenones. Inorganica Chimica Acta, 2018, 476, 46-53.	2.4	15
29	Spectroscopic and Electrochemical Studies of the Interaction of Some Gold(III) Complexes with Biologically Relevant Thiones. International Journal of Chemical Kinetics, 2018, 50, 178-187.	1.6	3
30	Synthesis, characterization and anticancer evaluation of transplatin derivatives with heterocyclic thiones. Polyhedron, 2018, 141, 360-368.	2.2	14
31	2D polymeric cadmium(II) complexes containing 1,3-imidazolidine-2-thione (Imt) ligand, [Cd(Imt)(H 2 O) 2 (SO 4)] n and [Cd(Imt) 2 (N 3) 2] n. Journal of Molecular Structure, 2018, 1156, 235-242.	3.6	9
32	Synthesis, Characterization, and Photoelectrochemical Catalytic Studies of a Waterâ€Stable Zincâ€Based Metalâ€"Organic Framework. ChemSusChem, 2018, 11, 542-546.	6.8	20
33	Synthesis, characterization, DFT calculations and antimicrobial studies of cadmium(II) sulfate complexes of thioureas and 2-mercaptopyridine; X-ray structures of polymeric diaqua(N,N′-dimethylthiourea) sulfatocadmium(II) and bis(2-mercaptopyridine)sulfatocadmium(II). Polyhedron, 2018, 149, 126-133.	2.2	3
34	Synthesis, structure, theoretical studies and electrochemistry of Ru(II) N heterocyclic carbenes. Inorganica Chimica Acta, 2018, 479, 141-147.	2.4	7
35	Synthesis and crystal structures of cadmium(II) complexes of 1,3-diazinane-2-thione (diaz); [Cd(diaz)4Cl2], [Cd(diaz)2(NCS)2] and [Cd(diaz)2(N3)2]. Inorganica Chimica Acta, 2018, 469, 312-317.	2.4	3
36	Synthesis, crystal structure and anticancer activity of tetrakis(N-isopropylimidazolidine-2-selenone)platinum(II) chloride. Journal of Molecular Structure, 2018, 1152, 232-236.	3.6	8

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37	Electronic Tuning and Catalytic Activity of a Novel Pd(II) Complex Supported by a Tetracoordinate Ligand. ChemistrySelect, 2018, 3, 13284-13288.	1.5	0
38	Synthesis and Study of Palladium(II) and Platinum(II) Complexes Supported by a Common "Wingtip― Nâ€Heterocyclic Carbene. ChemistrySelect, 2018, 3, 10732-10737.	1.5	1
39	Gold-containing compound BDG-I inhibits the growth of A549 lung cancer cells through the deregulation of miRNA expression. Saudi Pharmaceutical Journal, 2018, 26, 1035-1043.	2.7	6
40	Synthesis and cytotoxic characteristics displayed by a series of Ag(<scp>i</scp>)-, Au(<scp>i</scp>)-and Au(<scp>iii</scp>)-complexes supported by a common N-heterocyclic carbene. New Journal of Chemistry, 2018, 42, 13948-13956.	2.8	20
41	Isoelectronic Pt(<scp>ii</scp>)– and Au(<scp>iii</scp>)–N-heterocyclic carbene complexes: a structural and biological comparison. New Journal of Chemistry, 2018, 42, 10704-10711.	2.8	15
42	Biological alterations in renal and hepatic tissues by a novel gold (III) anti-cancerous compound. Iranian Journal of Basic Medical Sciences, 2018, 21, 1064-1072.	1.0	0
43	Synthesis and crystal structure of a cyanido-bridged copper(ii)a silver(i) bimetallic complex containing a trimeric {[Ag(CN) < sub > 2 < sub > (Sup > 3 < sub > 3 < sub > 3 < sub > 3 < sub > 1 (Bg(CN) < sub > 2 < sub > 3 < sub > 3 < sub > 2 < sub > 3	0.7	8
44	Synthesis, structures and photoluminescence properties of mixed ligand divalent metal–organic frameworks. New Journal of Chemistry, 2017, 41, 2980-2986.	2.8	6
45	Synthesis, characterization and <i>in vitro</i> cytotoxicity of platinum(II) complexes of selenones [Pt(selenone) ₂ Cl ₂]. Journal of Coordination Chemistry, 2017, 70, 1020-1031.	2.2	12
46	DFT studies of copper(II) complexes of cis -1,2-diaminocyclohexane (Dach) and crystal structure of [Cu(Dach) 2 (H 2 O)]Cl 2. Journal of Molecular Structure, 2017, 1137, 784-791.	3.6	6
47	Study of the Interaction of Some Potential Anticancer Gold(III) Complexes with Biologically Important Thiols Using NMR, UV–Vis, and Electrochemistry. International Journal of Chemical Kinetics, 2017, 49, 387-397.	1.6	3
48	Synthesis, characterization, in vitro cytotoxicity and DNA interaction study of phosphanegold(I) complexes with dithiocarbamate ligands. Inorganica Chimica Acta, 2017, 464, 37-48.	2.4	32
49	Synthesis, characterization, DFT calculations and antibacterial activity of palladium(II) cyanide complexes with thioamides. Journal of Molecular Structure, 2017, 1141, 204-212.	3.6	11
50	Synthesis, structural characterization and cytotoxicity evaluation of platinum(II) complexes of heterocyclic selenones. Polyhedron, 2017, 128, 2-8.	2.2	14
51	Crystal structure and antimicrobial activity of a transplatin adduct of N,N′-dimethylthiourea, trans-[Pt(NH3)2(dmtu)2]Cl2. Monatshefte FÃ⅓r Chemie, 2017, 148, 669-674.	1.8	4
52	Synthesis, spectroscopic characterization and in vitro anticancer activity of new platinum(II) complexes with some thione ligandsÂin the presence of triethylphosphine. BioMetals, 2017, 30, 787-795.	4.1	5
53	Synthesis and crystal structures of bis(imidazolidine-2-thione- <i>κS</i>)bis(imidazolidine-2-thione- <i>κS</i>)bis(thiocyanato- <i>κS</i>)mercury(II) and bis(cyanido)bis(<i>ι/4₂</i> i>imidazolidine-2-thione- <i>κS</i>)mercury(II).Hg(CN) ₂ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 671-676.	0.7	3
54	Crystal structure and theoretical investigation of bis(<i>cis</i> -1,2-diaminocyclohexane)zinc(II) tetrachloridozincate(II). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 627-630.	0.7	3

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55	Synthesis, X-ray structures and anticancer activity of gold(I)-carbene complexes with selenones as co-ligands and their molecular docking studies with thioredoxin reductase. Journal of Organometallic Chemistry, 2017, 848, 175-183.	1.8	25
56	Zinc(II) complexes of 4-aminoantipyrine (AAP). Crystal structure of [Zn(AAP)2Cl2]. Russian Journal of Inorganic Chemistry, 2017, 62, 925-930.	1.3	1
57	Synthesis, X-ray structure, DFT calculations and anticancer activity of a selenourea coordinated gold(I)-carbene complex. Polyhedron, 2017, 137, 197-206.	2.2	16
58	Structural diversity in pseudohalide complexes of cadmium(II) with <i>N</i> -methylthiourea (Metu): Polymeric [Cd(Metu) ₂ (NCS) ₂] _n <i>versus</i> monomeric [Cd(Metu) ₂ (CN) ₂]. Journal of Coordination Chemistry, 2017, 70, 3692-3701.	2.2	3
59	Spectroscopic and DFT studies of zinc(II) complexes of diamines and thiocyanate; crystal structure of (cis-1,2-diaminocyclohexane)bis(thiocyanato-l®N)zinc(II). Journal of Molecular Structure, 2017, 1128, 455-461.	3.6	11
60	New bipyridine gold(III) dithiocarbamate-containing complexes exerted a potent anticancer activity against cisplatin-resistant cancer cells independent of p53 status. Oncotarget, 2017, 8, 490-505.	1.8	61
61	Synthesis, spectroscopic characterization, DFT calculations and antimicrobial properties of silver(I) complexes of 2,2′-bipyridine and 1,10-phenanthroline. Polyhedron, 2016, 115, 212-218.	2.2	25
62	Synthesis, structural characterization, electrochemical behavior and anticancer activity of gold(<scp>iii</scp>) complexes of <i>meso</i> -1,2-di(1-naphthyl)-1,2-diaminoethane and tetraphenylporphyrin. New Journal of Chemistry, 2016, 40, 8288-8295.	2.8	9
63	Synthesis, Characterization, and <i>in vitro </i> Cytotoxicity of Gold(I) Complexes of 2-(Diphenylphosphanyl)ethylamine and Dithiocarbamates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 1454-1459.	1.2	15
64	Synthesis, crystal structure and DFT calculations of bis(1,3-diazinane-2-thione-κS)dicyanido disilver(I), [{Ag(Diaz)2}{Ag(CN)2}]. Polyhedron, 2016, 110, 299-304.	2.2	8
65	Synthesis, characterization and anticancer activity of gold(III) complexes with (1R,2R)-(â°')-1,2-diaminocyclohexane. Polyhedron, 2015, 102, 773-781.	2.2	16
66	The synthesis, spectroscopic characterization and anticancer activity of new mono and binuclear phosphanegold(<scp>i</scp>) dithiocarbamate complexes. New Journal of Chemistry, 2015, 39, 377-385.	2.8	43
67	Synthesis, crystal structure, theoretical calculations and antimicrobial properties of [Pt(tetramethylthiourea)4] [Pt(CN)4]·4H2O. Journal of Molecular Structure, 2015, 1085, 155-161.	3.6	6
68	Synthesis and characterization of silver(I) complexes of thioureas and thiocyanate: crystal structure of polymeric (1,3-diazinane-2-thione)thiocyanato silver(I). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2015, 70, 541-546.	0.7	8
69	Synthesis, characterization and anticancer activity of gold(I) complexes that contain tri-tert-butylphosphine and dialkyl dithiocarbamate ligands. European Journal of Medicinal Chemistry, 2015, 95, 464-472.	5.5	50
70	Synthesis, characterization and theoretical calculations of (1,2-diaminocyclohexane)(1,3-diaminopropane)gold(III) chloride complexes: in vitro cytotoxic evaluations against human cancer cell lines. BioMetals, 2015, 28, 827-844.	4.1	16
71	Synthesis, characterization and in vitro cytotoxicity of gold(iii) dialkyl/diaryldithiocarbamato complexes. RSC Advances, 2015, 5, 81599-81607.	3.6	19
72	Crystal structure of dichloridobis(N,N′-dimethylthiourea-ΰS)mercury(II). Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1061-1063.	0.5	2

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73	Crystal structure of dichloridobis(1,3-diazinane-2-thione-κS)cadmium. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1493-1496.	0.5	4
74	Synthesis, spectroscopic characterization, electrochemical behavior and computational analysis of mixed diamine ligand gold(III) complexes: antiproliferative and in vitro cytotoxic evaluations against human cancer cell lines. BioMetals, 2014, 27, 1115-1136.	4.1	20
75	NMR and kinetic studies of the interactions of [Au(cis-DACH)Cl2]Cl and [Au(cis-DACH)2]Cl3 with potassium cyanide in aqueous solution. Journal of Coordination Chemistry, 2014, 67, 3431-3443.	2.2	6
76	Synthesis, spectroscopic characterization, X-ray structure and electrochemistry of new bis(1,2-diaminocyclohexane)gold(<scp>iii</scp>) chloride compounds and their anticancer activities against PC3 and SGC7901 cancer cell lines. New Journal of Chemistry, 2014, 38, 3199-3211.	2.8	15
77	Tetrakis(1-3-diazinane-2-thione)platinum(II) chloride monohydrate complex: Synthesis, spectroscopic characterization, crystal structure and in vitro cytotoxic activity against A549, MCF7, HCT15 and HeLa human cancer lines. Inorganic Chemistry Communication, 2014, 44, 159-163.	3.9	16
78	Synthesis, X-ray structures, spectroscopic analysis and anticancer activity of novel gold(I) carbene complexes. Journal of Organometallic Chemistry, 2014, 765, 68-79.	1.8	34
79	Synthesis, spectroscopic characterization and anti-cancer properties of new gold(III)–alkanediamine complexes against gastric, prostate and ovarian cancer cells; crystal structure of [Au2(pn)2(Cl)2]Cl2·H2O. Polyhedron, 2013, 61, 225-234.	2.2	24
80	Synthesis, crystal structure and antimicrobial studies of a thione derivative of transplatin, trans-[Pt(NH3)2(Diaz)2]Cl2·2H2O (Diaz=1,3-diazinane-2-thione). Inorganic Chemistry Communication, 2013, 36, 68-71.	3.9	8
81	Some new [(thione)2Au(diamine)]Cl3 complexes: Synthesis, spectroscopic characterization, computational and in vitro cytotoxic studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 115, 641-647.	3.9	6
82	Synthesis, characterization and cytotoxicity of new gold(III) complexes with 1,2-diaminocyclohexane: Influence of stereochemistry on antitumor activity. Polyhedron, 2013, 50, 434-442.	2.2	29
83	Synthesis, CP-MAS NMR Characterization, and Antibacterial Activities of Glycine and Histidine Complexes of Cd(SeCN) ₂ and Hg(SeCN) ₂ . Bioinorganic Chemistry and Applications, 2013, 2013, 1-8.	4.1	6
84	Mercury(II) cyanide complexes with alkyldiamines: solid-state/solution NMR, computational, and antimicrobial studies. Journal of Coordination Chemistry, 2012, 65, 2074-2086.	2.2	4
85	(Acetato-κO)(acetato-κO,O′)bis(1,3-diazinane-2-thione-κS)cadmium(II). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1352-m1353.	0.2	7
86	Synthesis and Crystal Structures of Cadmium Iodide Complexes of N,N′-Diethylthiourea and 1,3-Diazinane-2-thione. Journal of Chemical Crystallography, 2012, 42, 615-620.	1.1	13
87	Histological Changes in Kidney and Liver of Rats Due to Gold (III) Compound [Au(en)Cl2]Cl. PLoS ONE, 2012, 7, e51889.	2.5	17
88	Synthesis, crystal structure and antimicrobial studies of chlorido(dimethylsulfoxide-κS)(pyrrolidinedithiocarbamato-κ2S,S/)platinum(II). Inorganic Chemistry Communication, 2011, 14, 1962-1965.	3.9	5
89	Synthesis, crystal structures, antimicrobial properties and enzyme inhibition studies of zinc(II) complexes of thiones. Inorganica Chimica Acta, 2011, 376, 207-211.	2.4	56
90	Synthesis and Structural Characterization of Dibromidobis(N,N′-dimethylthiourea-κS)cadmium(II) and Diiodidobis(N,N′-dimethylthiourea-κS)cadmium(II). Journal of Chemical Crystallography, 2011, 41, 1099-1104.	1.1	14

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91	Synthesis, characterization, and antibacterial activities of copper(I) bromide complexes of thioureas: X-ray structure of [Cu(Metu)4]Br. Transition Metal Chemistry, 2011, 36, 505-512.	1.4	5
92	Synthesis, characterization and anti proliferative effect of [Au(en)2]Cl3 and [Au(N-propyl-en)2]Cl3 on human cancer cell lines. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 1196-1201.	3.9	21
93	Synthesis and Characterization of Antimony(III) Complexes of Thioamides, and Crystal Structure of		

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109	Silver(I) Complexation with Glutathione in the Presence of Tetramethylthiourea. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2009, 39, 45-49.	0.6	4
110	Synthesis, spectroscopic characterization and antimicrobial studies of mercury(II) complexes of thiolates. Spectroscopy, 2009, 23, 45-50.	0.8	8
111	Synthesis and Crystal Structure of a Novel Self-assembled 2D Coordination Polymer of Chloridobis(imidazolidine-2-thione)thiocyanato dicopper(I). Journal of Chemical Crystallography, 2008, 38, 765-768.	1.1	17
112	A novel polymeric Cd[SSe2N2] central core five-coordinate complex: Synthesis, X-ray structure and 113Cd, 77Se CP MAS NMR characterization of catena(bis($\hat{l}^1/4$ 2-selenocyanato-N,Se)-(N,N \hat{a} 0-dimethylimidazolidine- 2-thione-S)-cadmium(II)). Inorganic Chemistry Communication, 2008, 11, 252-255.	3.9	16
113	Complexation of Cd(SeCN) < sub > 2 < /sub > with imidazolidine-2-thione and its derivatives: Solid state, solution NMR and anti-bacterial studies. Spectroscopy, 2008, 22, 361-370.	0.8	17
114	Preparation, spectral characterization and antibacterial studies of silver(I) complexes of 2-mercaptopyridine and thiomalate. Spectroscopy, 2008, 22, 51-56.	0.8	10
115	Solid state and solution NMR studies of some new complexes of mercury selenocyanate with imidazolidine-2-thione and its derivatives. Journal of Coordination Chemistry, 2007, 60, 2649-2657.	2.2	2
116	Zinc halide complexes of imidazolidine-2-thione and its derivatives: X-ray structures, solid state, solution NMR and antimicrobial activity studies. Journal of Coordination Chemistry, 2007, 60, 369-377.	2.2	24
117	Silver(I) complexes of imidazolidine-2-thione and triphenylphosphines: Solid-state, solution NMR and antimicrobial activity studies. Spectroscopy, 2007, 21, 61-67.	0.8	19
118	Solid state and solution NMR, X-ray and antimicrobial studies of 1:1 and 2:1 complexes of silver(I) cyanide with alkanediamine ligands. Inorganica Chimica Acta, 2007, 360, 3719-3726.	2.4	9
119	New cadmium chloride complexes with imidazolidine-2-thione and its derivatives: X-ray structures, solid state and solution NMR and antimicrobial activity studies. Polyhedron, 2007, 26, 1725-1730.	2.2	58
120	Synthesis and characterization of thiolate–Ag(I) complexes by solid-state and solution NMR and their antimicrobial activity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 66, 364-370.	3.9	11
121	Complexations of Hg(CN)2 with imidazolidine-2-thione and its derivatives: Solid state, solution NMR and antimicrobial activity studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 68, 1207-1212.	3.9	32
122	Perspectives in bioinorganic chemistry of some metal based therapeutic agents. Polyhedron, 2006, 25, 1633-1645.	2.2	138
123	Synthesis and characterization of mercury(II) complexes of selones: X-ray structures, CP MAS and solution NMR studies. Polyhedron, 2006, 25, 2629-2636.	2.2	28
124	Solid and solution NMR studies of the complexation of Ag+ with the trans isomer of captopril: Biological activities of this high blood pressure drug along with its Ag+ complex. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2006, 65, 191-195.	3.9	10
125	Complexation of (trimethylphosphine)gold(I) with Selenones. Transition Metal Chemistry, 2006, 31, 500-503.	1.4	7
126	Structural and mechanistic aspects of platinum anticancer agents. Transition Metal Chemistry, 2006, 31, 1003-1016.	1.4	55

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127	Solution and solid-state NMR studies of some cadmium–selenone complexes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 62, 880-885.	3.9	7
128	Oxidation of diselenide bond with sodiumtetracloroaurate (III): Significance in chemotherapy. Inorganic Chemistry Communication, 2005, 8, 358-360.	3.9	1
129	Synthesis, X-ray structure and 199Hg, 77Se CP MAS NMR studies on the first tris(imidazolidine-2-selone) mercury complex: {Chloro-tris[N-methyl-2(3H)-imidazolidine-2-selone]mercury(II)}chloride. Inorganic Chemistry Communication, 2005, 8, 1109-1112.	3.9	14
130	13C-n.m.r. studies of the binding of 1,3-diazinane-2-selenone and 1,3-diazipine-2-selenone to gold(I) drugs. Transition Metal Chemistry, 2005, 30, 389-392.	1.4	4
131	A13C NMR study of the interactions of Ag13CN and Ag(CN)2–with thiomalic acid, L-methionine and DL-selenomethionine. Spectroscopy, 2005, 19, 275-281.	0.8	2
132	Solution and solid state NMR studies of some selenium analogues of auranofin (an anti-arthritic gold) Tj ETQq0 C) O _{.7} gBT /C	Overlock 10 T
133	Complexation of Zn(II), Cd(II) and Hg(II) with thiourea and selenourea: A ¹ H, ¹³ C, ¹⁵ N, ⁷⁷ Se and ¹¹³ Cd solution and solid-state NMR study. Journal of Coordination Chemistry, 2005, 58, 529-537.	2.2	38
134	Solid state NMR study of 1,3imidazolidine-2-thione, 1,3-imidazolidine-2-selenone and some of their N-substituted derivatives. Spectroscopy, 2004, 18, 113-119.	0.8	7
135	Exchange Reactions between Albumin-Au(I)-PEt3 Complex and Me3PAuCl or iPr3PAuCl: 31P NMR Spectroscopic Studies. Bioinorganic Reaction Mechanisms, 2004, 5, .	0.4	0
136	31P NMR studies of Redox reactions of Bis (Trialkylphosphine) Gold(I) Bromide (Alkyl = Methyl, Ethyl) with Disulphide and Diselenide ligands. Journal of Coordination Chemistry, 2004, 57, 337-346.	2.2	10
137	Silver Cyanide Complexes of Heterocyclic Thiones. Transition Metal Chemistry, 2004, 29, 400-404.	1.4	35
138	Gold(I) complexes with selenones and triphenylphosphine as ligands. Transition Metal Chemistry, 2004, 29, 870-873.	1.4	7
139	X-ray structure and 77Se, 31P and 13C MAS NMR of the dinuclear complex 1,2-bis(selenourea)-1⧹κSe,2⧹κSe-1,2-bis(trimethylphosphine)digold(I) chloride. Polyhedron, 2004, 23, 1-4.	2.2	17
140	Mixed ligand gold(I) complexes with phosphines and selenourea. Transition Metal Chemistry, 2003, 28, 540-543.	1.4	11
141	Solid-state NMR studies of 1,3-imidazolidine-2-selenone and some related compounds. Magnetic Resonance in Chemistry, 2003, 41, 1026-1029.	1.9	14
142	Mixed ligand gold(I) complexes of phosphines and thiourea and X-ray structure of (thiourea-lºS)(tricyclohexylphosphine)gold(I)chloride. Polyhedron, 2003, 22, 1349-1354.	2.2	41
143	Synthesis and Spectroscopic Characterization of Silver(I) Complexes of Selenones. Journal of Coordination Chemistry, 2003, 56, 539-544.	2.2	17
144	13 C and 15 N NMR Studies of the Interaction of Gold(I) Thiolates with Thiourea (13 C and 15 N Labelled). Journal of Coordination Chemistry, 2003, 56, 95-101.	2.2	3

#	Article	IF	Citations
145	1H, 13C, 15N NMR and IR Spectroscopic Studies of a Rh(II) Complex of Thiourea. Journal of Coordination Chemistry, 2003, 56, 1587-1595.	2.2	8
146	13 C NMR Studies of the Redox and Exchange Reactions of Gold(I) Thiomalate with Diselenides. Inorganic Reaction Mechanisms, 2002, 4, 95-102.	0.4	5
147	13 C NMR Studies of the Interaction of Gold(I) Thiomalate with 6-Mercaptopurine and Its Derivatives. Journal of Coordination Chemistry, 2002, 55, 189-203.	2.2	6
148	Ligand scrambling reactions of cyano(thione)gold(I) complexes and determination of their equilibrium constants. Canadian Journal of Chemistry, 2002, 80, 1279-1284.	1.1	69
149	Multinuclear NMR (1 H, 13 C, 15 N and 107 Ag) studies of the silver cyanide complexes of thiourea and substituted thioureas. Inorganic Chemistry Communication, 2002, 5, 816-819.	3.9	48
150	Comparative 13C and 31P NMR studies of the ligand exchange reactions of auranofin with ergothionine, imidazolidine-2-thione and diazinane-2-thione. Journal of Inorganic Biochemistry, 2002, 88, 53-60.	3.5	10
151	Synthesis of silver(I) complexes of thiones and their characterization by 13C, 15N and 107Ag NMR spectroscopy. Polyhedron, 2002, 21, 1267-1271.	2.2	43
152	Synthesis of cyano(selenone)gold(I) complexes and investigation of their scrambling reactions using 13C and 15N NMR spectroscopy. Polyhedron, 2002, 21, 2099-2105.	2.2	54
153	Silver(I) complexes of selenourea (and labeled); characterization by and NMR. Inorganic Chemistry Communication, 2002, 5, 355-357.	3.9	11
154	13C, 31P and 15N NMR studies of the ligand exchange reactions of auranofin and chloro(triethylphosphine)gold(I) with thiourea. Journal of Inorganic Biochemistry, 2002, 88, 44-52.	3.5	21
155	Gold(I) complexes with tertiary phosphine sulfide ligands. Transition Metal Chemistry, 2002, 27, 177-183.	1.4	34
156	Silver(I) complexes of thiourea. Transition Metal Chemistry, 2002, 27, 782-785.	1.4	40
157	Redox and ligand exchange reactions of potential gold(I) and gold(III)-cyanide metabolites under biomimetic conditions. Journal of Inorganic Biochemistry, 2001, 85, 67-76.	3.5	42
158	Synthesis of cyano(ergothionine)gold(I) complex and its disproportionation in solution. Inorganic Chemistry Communication, 2001, 4, 362-364.	3.9	13
159	Gold(I) Complexation with Trialkyl/Triaryl Phosphine Selenide Ligands. Journal of Coordination Chemistry, 2000, 51, 225-234.	2.2	17
160	13C, 15N and 31P NMR study of the disproportionation of cyanogold(I) complexes: [R3PAu13C15N]. Polyhedron, 1999, 18, 1401-1409.	2.2	37
161	Equilibrium binding constants and facile dissociation of novel serum albumin-dicyanoaurate(I) complexes. Journal of Biological Inorganic Chemistry, 1998, 3, 9-17.	2.6	19
162	SIMULTANEOUS REPLACEMENTS OF TRIETHYL PHOSPHINE AND TETRAACETYL THIOGLUCOSE LIGANDS FROM AURANOFIN (AN ANTIARTHRITIC DRUG) WITH SELENOCYANATE ¹³ C and ³¹ P NMR STUDIES. Journal of Coordination Chemistry, 1998, 43, 257-272.	2.2	9

#	Article	IF	Citations
163	Synthesis and spectroscopic characterization of (trialkll/triaryl)-phosphine gold(I) thiocyanate complexes. Polyhedron, 1997, 16, 125-132.	2.2	22
164	COMPARATIVE < sup > 13 < / sup > C NMR STUDIES OF COMPLEXATION OF IMIDAZOLIDINE-2-SELENONE AND ITS ANALOGOUS THIONE TO GOLD(I) THIOMALATE. Journal of Coordination Chemistry, 1996, 39, 21-31.	2.2	3
165	Characterization of polymeric Gold(I)-captopril complex using viscosity and various spectroscopic techniques. Journal of Inorganic Biochemistry, 1996, 64, 37-53.	3.5	1
166	1H, 13C and 199Hg NMR studies of the â€"NHCS-containing ligands with mercuric halides. Polyhedron, 1996, 15, 2397-2401.	2.2	22
167	[{(CEP)2Au}+{Au(CN)2}â^']: A compound with gold-gold bonds. Polyhedron, 1996, 15, 2781-2785.	2.2	27
168	Synthesis of thionato(trimethylphosphine)gold(I) complexes. Transition Metal Chemistry, 1996, 21, 553.	1.4	4
169	¹⁵ N AND ³¹ P NMR STUDIES OF CYANO(TRIALKYL/TRIARYL)PHOSPHINE GOLD(I) COMPLEXES. Journal of Coordination Chemistry, 1995, 36, 149-157.	2.2	20
170	Carbon-13 nuclear magnetic resonance studies of the redox reactions of aurothiomalates with selenocyanate in aqueous solution. Journal of the Chemical Society Dalton Transactions, 1995, , 1483.	1.1	10
171	N15 and P31 NMR Studies of Cyano[(Trialkyl/Triaryl)Phosphine]Gold(I) Complexes R3PAu13C15N. Metal-Based Drugs, 1994, 1, 514-514.	3.8	0
172	Complexation of seleno-cysteamine, seleno-cysteine and seleno-ethanoic acid with gold(I) thiomalate. Transition Metal Chemistry, 1994, 19, 595-598.	1.4	7
173	THE REDOX REACTION OF GOLD(I)-THIOMALATE IN THE PRESENCE OF SELENOUREA. Journal of Coordination Chemistry, 1994, 33, 287-294.	2.2	8
174	Oxidation of the phosphine from the auranofin analog, triisopropylphosphine(2,3,4,6-tetra-O-acetyl-1-thiobetaD-glucopyranosato-S)gold(I), via a protein-bound phosphonium intermediate. Journal of the American Chemical Society, 1994, 116, 2254-2260.	13.7	44
175	15N NMR studies of the binding of C15Nâ^' with gold(I) drugs. Journal of Inorganic Biochemistry, 1993, 50, 299-304.	3.5	11
176	Studies on the interaction of gold(I) thiomalate (†myochrysine†) with 2-thiouracil in aqueous solution followed by 13C NMR spectroscopy. Inorganica Chimica Acta, 1993, 207, 73-77.	2.4	4
177	Synthesis and characterization of complexes of trialkyl- and triarylphosphine gold(I) with thiolated purines and pyrimidines: a class of bifunctional compounds with potential antitumor activity. Inorganica Chimica Acta, 1993, 209, 129-135.	2.4	25
178	Complexation of captopril with gold(I) and its exchange reactions with thiomalate and cyanide. Journal of the Chemical Society Dalton Transactions, 1993, , 841.	1.1	13
179	13C NMR studies of the disproportionation of thioglucose-gold(I)-13CNâ^² complex. Journal of Inorganic Biochemistry, 1992, 46, 145-151.	3.5	19
180	The 13C NMR study of the binding of gold(I) thiomalate with ergothionine in aqueous solution. Journal of Inorganic Biochemistry, 1992, 45, 261-267.	3.5	15

#	Article	IF	CITATIONS
181	Complexation of silver nitrate with imidazolidine-2-thione and its derivatives. Transition Metal Chemistry, 1992, 17, 374-376.	1.4	23
182	Synthesis ofbis- and multinuclear gold(I) complexes of hexahydro-1,3-diazepine-2-thione. Transition Metal Chemistry, 1992, 17, 557-559.	1.4	2
183	Interaction of palladium(II) with DL-selenamethionine in acidic aqueous solution. Transition Metal Chemistry, 1991, 16, 304-307.	1.4	5
184	Synthesis of thionato(triethylphosphine) gold(I) complexes: Analogues of "auranofin―an antiarthritic drug. Journal of Inorganic Biochemistry, 1990, 38, 95-100.	3.5	15
185	1H,13C and199Hg NMR Studies of the Complexation of HgCl2by Imidazolidine-2-Thione and its Derivatives. Journal of Coordination Chemistry, 1990, 21, 247-252.	2.2	21
186	Gold(I) efflux from auranofin-treated red blood cells. Biochemical Pharmacology, 1990, 40, 1227-1234.	4.4	31
187	Exchange Reactions of Aurothiomalate with 3-Selenopropionate in Aqueous Solution. Journal of Coordination Chemistry, 1989, 20, 95-97.	2.2	13
188	Synthesis and spectroscopic studies of gold(I) thiocyanate with imidazolidine-2-thione and its derivatives. Polyhedron, 1989, 8, 2823-2827.	2.2	15
189	13C n.m.r. studies of the interaction of Hgll with methionine and selenamethionine in the acidic aqueous solution. Transition Metal Chemistry, 1989, 14, 235-236.	1.4	8
190	Bis(triethylphosphine)gold(I) chloride: ionization in aqueous solution, reduction in vitro of the external and internal disulfide bonds of bovine serum albumin and antiarthritic activity. Inorganic Chemistry, 1989, 28, 1321-1326.	4.0	25
191	Comparison of 13C NMR chemical shifts of 2-aminovaleric acid, L-methionine and DL-selenomethionine and their interactions with aurothiomalate in aqueous solution. Inorganica Chimica Acta, 1988, 153, 209-212.	2.4	5
192	Reactions of trimethylphosphine analogs of auranofin with bovine serum albumin. Inorganic Chemistry, 1988, 27, 3588-3592.	4.0	24
193	Reversibly and irreversibly formed products from the reactions of mercaptalbumin (AlbSH) with Et3PAuCN and of AlbSAuPEt3 with hydrocyanic acid. Journal of the American Chemical Society, 1988, 110, 3278-3284.	13.7	40
194	GC-MS and oxygen-17 NMR tracer studies of triethylphosphine oxide formation from auranofin and water-170 in the presence of bovine serum albumin: an in vitro model for auranofin metabolism. Inorganic Chemistry, 1988, 27, 3406-3409.	4.0	16
195	Competition between gold(I) thiomalate â€~myocrisin' and five-member and six-member heterocyclic ligands. Inorganica Chimica Acta, 1987, 135, 19-22.	2.4	14
196	Notes. Complexation of gold(I) thiomalate (â€~myocrisin') with 1,3-diazinane-2-thione in aqueous solution followed by13C nuclear magnetic resonance spectroscopy. Journal of the Chemical Society Dalton Transactions, 1986, , 1049-1050.	1.1	12
197	Carbon-13 N.m.r. and I.r. Studies of copper(I) complexes of the ? NHCS group in five- and six-membered heterocyclic rings. Transition Metal Chemistry, 1986, 11, 298-301.	1.4	17
198	COMPLEXATION OF IMIDAZOLIDINE-2-THIONE AND ITS DERIVATIVES WITH GOLD(I) CYANIDE. Journal of Coordination Chemistry, 1986, 15, 125-130.	2.2	27

#	Article	IF	Citations
199	Bis(N-propyl-1,3-imidazolidine-2-thione)gold(I) chloride: Crystal and molecular structure. Transition Metal Chemistry, 1985, 10, 178-181.	1.4	25
200	Synthesis, 13C NMR and IR spectroscopic studies of gold(I) complexes of imidazolidine-2-thione and its derivatives. Polyhedron, 1985, 4, 1683-1688.	2.2	28
201	COMPLEXATION OF METHYLMERCURY(II) BY DL-SELENOMETHIONINE. Journal of Coordination Chemistry, 1985, 14, 73-77.	2.2	10
202	GOLD(I) COMPLEXES OF <i>N</i> -ALKYL SUBSTITUTED IMIDAZOLIDINE-2-THIONES: SYNTHESIS, SPECTROSCOPIC STUDIES AND X-RAY STRUCTURE. Journal of Coordination Chemistry, 1985, 14, 17-26.	2.2	29
203	Chloro(N-ethyl-1,3-imidazolidine-2-thione)gold(I): Spectroscopic studies and x-ray structure. Transition Metal Chemistry, 1984, 9, 398-401.	1.4	22
204	1H nmr study of the effectiveness of various thiols for removal of methylmercury from hemolyzed erythrocytes. Journal of Inorganic Biochemistry, 1983, 18, 241-251.	3.5	25
205	A 1H nmr study of the interaction of aurothiomalate ("Myocrisinâ€) with human red blood cells in vitro. Journal of Inorganic Biochemistry, 1983, 19, 227-235.	3. 5	21
206	A 1H NMR study of the reaction of gold(III) with DL-seleno-methionine in aqueous solution. Inorganica Chimica Acta, 1983, 80, L3-L4.	2.4	11
207	A proton nuclear magnetic resonance study of the interaction of cadmium with human erythrocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1983, 762, 531-541.	4.1	37
208	Conformational and acid-base equilibriums of captopril in aqueous solution. Analytical Chemistry, 1982, 54, 526-529.	6.5	47
209	Nuclear magnetic resonance studies of the solution chemistry of metal complexes. 18. Complexation of palladium(II) by glycyl-L-histidine and glycyl-L-histidylglycine. Inorganic Chemistry, 1982, 21, 3234-3236.	4.0	43
210	A proton nuclear magnetic resonance study of the interaction of mercury with intact human erythrocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1982, 721, 374-384.	4.1	63
211	A proton nuclear magnetic resonance study of the binding of methylmercury in human erythrocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1982, 720, 53-64.	4.1	80
212	A carbon-13 nuclear magnetic resonance study of thiol-exchange reactions of gold(I) thiomalate (â€~Myocrisin') including applications to cysteine derivatives. Journal of the Chemical Society Dalton Transactions, 1982, , 135-141.	1.1	70
213	Determination of the intracellular pH of intact erythrocytes by 1H NMR spectroscopy. Analytical Biochemistry, 1982, 121, 423-432.	2.4	37
214	Nuclear magnetic resonance studies of the complexation of trimethyllead by glutathione in aqueous solution and in intact human erythrocytes. Journal of the American Chemical Society, 1981, 103, 2836-2841.	13.7	28
215	Hydrogen-1 and carbon-13 nuclear magnetic resonance studies of gold (I) thiomalate ( Myocrisin') in aqueous solution: dependence of the solution structure on pH and ionic strength. Journal of the Chemical Society Dalton Transactions, 1981, , 1657-1663.	1.1	51
216	Suppression of hemoglobin resonances in 1H NMR spectra of intact erythrocytes. Journal of Magnetic Resonance, 1980, 41, 361-365.	0.5	8

#	Article	IF	CITATIONS
217	The incorporation of 2 h-labelled glycine into the glutathione of intact human erythrocytes studied by 1 h spin-echo fourier transform NMR. FEBS Letters, 1979, 106, 325-329.	2.8	28
218	Reactions of gold(III) ions with ribonuclease A and methionine derivatives in aqueous solution. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1977, 492, 322-330.	1.7	61
219	13C nuclear magnetic resonance detection of thiol exchange on gold(I): significance in chemotherapy. Journal of the Chemical Society Chemical Communications, 1976, , 1051b.	2.0	30