

# Alfonso Castieiras Campos

## List of Publications by Citations

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#	Paper	IF	Citations
449	Spectral and structural studies of iron(III), cobalt(II,III) and nickel(II) complexes of 2-pyridineformamide N(4)-methylthiosemicarbazone. <i>Polyhedron</i> , <b>1999</b> , 18, 2919-2929	2.7	191
448	Oxidative cleavage of DNA by a new ferromagnetic linear trinuclear copper(II) complex in the presence of H <sub>2</sub> O <sub>2</sub> /sodium ascorbate. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 2992-8	5.1	127
447	Bonding trends of thiosemicarbazones in mononuclear and dinuclear copper(I) complexes: syntheses, structures, and theoretical aspects. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 1535-42	5.1	115
446	Complexes of Ni(II) and Cu(II) with ofloxacin. Crystal structure of a new Cu(II) ofloxacin complex. <i>Journal of Inorganic Biochemistry</i> , <b>2001</b> , 84, 163-70	4.2	113
445	Countercomplementarity and strong ferromagnetic coupling in a linear mixed $\mu$ -acetato, $\mu$ -hydroxo trinuclear copper(II) complex. Synthesis, structure, magnetic properties, EPR, and theoretical studies. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 3608-14	5.1	112
444	Electronic and steric effects in manganese Schiff-base complexes as models for the water oxidation complex in photosystem II. The isolation of manganese-(II) and -(III) complexes of 3- and 3,5-substituted N,N'-bis(salicylidene)ethane-1,2-diamine (H <sub>2</sub> salen) ligands. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1995</b> , 2935-2944		107
443	Symmetrisation, isomerism and structural studies on novel phenylmercury(II) thiosemicarbazones: correlation of the energy barrier to rotation of the amino group with the bonding parameters of the thioamide group. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 1009-1018		104
442	Intramolecular "Aryl-metal chelate ring" $\pi$ , $\pi$ -interactions as structural evidence for metalloaromaticity in (aromatic $\alpha$ , $\alpha'$ -diimine)-copper(II) chelates: molecular and crystal structure of aqua(1,10-phenanthroline)(2-benzylmalonato)copper(II) three-hydrate. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 6956-8	5.1	101
441	Synthesis, characterization, and crystal structure of [Cu(cinoxacinato) <sub>2</sub> ].2H <sub>2</sub> O complex: a square-planar CuO <sub>4</sub> chromophore. Antibacterial studies. <i>Journal of Inorganic Biochemistry</i> , <b>1995</b> , 59, 801-10	4.2	99
440	Three new modes of adenine-copper(II) coordination: interligand interactions controlling the selective N <sub>3</sub> -, N <sub>7</sub> - and bridging $\{N_3, N_7\}$ -metal-bonding of adenine to different N-substituted iminodiacetato-copper(II) chelates. <i>Inorganica Chimica Acta</i> , <b>2002</b> , 339, 160-170	2.7	83
439	Structural and spectral characterization of transition metal complexes of 2-pyridineformamide N(4)-dimethylthiosemicarbazone. <i>Polyhedron</i> , <b>2003</b> , 22, 83-92	2.7	79
438	Synthesis, characterization and antifungal activity of group 12 metal complexes of 2-acetylpyridine-4N-ethylthiosemicarbazone (H <sub>4</sub> EL) and 2-acetylpyridine-N-oxide-4N-ethylthiosemicarbazone (H <sub>4</sub> ELO). <i>Polyhedron</i> , <b>1999</b> , 18, 3695-3702	2.7	77
437	The crystal structure and hydrolysis equilibrium of triphenyl(2-mercapto-1-methylimidazolato)tin(IV). <i>Polyhedron</i> , <b>1997</b> , 16, 795-800	2.7	75
436	Magnetic, spectroscopic, structural and biological properties of mixed-ligand complexes of copper(II) with N,N,N',N',N'-pentamethyldiethylenetriamine and polypyridine ligands. <i>Inorganica Chimica Acta</i> , <b>2004</b> , 357, 2469-2476	2.7	73
435	Versatility of heterocyclic thioamides in the construction of a trinuclear cluster [Cu <sub>3</sub> I <sub>3</sub> (dppe) <sub>3</sub> (SC <sub>5</sub> H <sub>4</sub> NH)] and Cu(I) linear polymers {Cu <sub>6</sub> (SC <sub>5</sub> H <sub>4</sub> NH) <sub>6</sub> I <sub>6</sub> } <sub>n</sub> x 2nCH <sub>3</sub> CN and {Cu(I) <sub>6</sub> (SC <sub>3</sub> H <sub>6</sub> N <sub>2</sub> ) <sub>6</sub> X <sub>6</sub> } <sub>n</sub> (X = Br, I). <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 1914-21	5.1	72
434	DNA interaction of new copper(II) complexes with sulfonamides as ligands. <i>Journal of Inorganic Biochemistry</i> , <b>2007</b> , 101, 444-51	4.2	68
433	Solid state coordination chemistry of mononuclear mixed-ligand complexes of Ni(II), Cu(II) and Zn(II) with $\beta$ -hydroxycarboxylic acids and imidazole. <i>Polyhedron</i> , <b>2004</b> , 23, 1505-1518	2.7	67

432	Interligand interactions involved in the molecular recognition between copper(II) complexes and adenine or related purines. <i>Coordination Chemistry Reviews</i> , <b>2008</b> , 252, 1241-1256	23.2	66
431	Coordination behaviour of sulfanilamide derivatives.. <i>Polyhedron</i> , <b>2000</b> , 19, 991-1004	2.7	65
430	A dinuclear copper(II) complex with adeninate bridge ligands and prominent DNA cleavage activity. Structural and spectroscopic characterization and magnetic properties. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 7178-88	5.1	64
429	Ni(II) and Zn(II) complexes with cinoxacin. Synthesis and characterization of $M(Cx)_2(DMSO)_n(H_2O)_m$ ( $n=0, 2; m=2, 4$ ). Crystal structures of $[M(Cx)_2(DMSO)_2]_4H_2O$ ( $M=Ni(II), Zn(II)$ ). <i>Inorganica Chimica Acta</i> , <b>1993</b> , 211, 133-139	2.7	64
428	Interligand interactions controlling the $\mu$ -N7,N9-metal bonding of adenine (AdeH) to the N-benzyliminodiacetato(2-) copper(II) chelate and promoting the N9 versus N3 tautomeric proton transfer: molecular and crystal structure of $[Cu_2(NBzIDA)(2)(H_2O)(2)(\mu-N7,N9-Ade(N3)H)](3)H_2O$ . <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 6190-2	5.1	61
427	Synthesis, crystal structures and spectroscopy of meclofenamic acid and its metal complexes with manganese(II), copper(II), zinc(II) and cadmium(II). Antiproliferative and superoxide dismutase activity. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 1187-95	4.2	59
426	Different Ground Spin States in Iron(III) Complexes with Quadridentate Schiff Bases: Synthesis, Crystal Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , <b>1998</b> , 37, 5102-5108	5.1	58
425	Organotin(IV) complexes of 2-pyridineformamide-derived thiosemicarbazones: antimicrobial and cytotoxic effects. <i>European Journal of Medicinal Chemistry</i> , <b>2008</b> , 43, 1454-61	6.8	57
424	Strong Ferromagnetic Coupling in Linear Mixed $\mu$ -Acetato, $\mu$ -Hydroxo Trinuclear Copper(II) Complexes with N-sulfonamide derivatives $\mu$ -Synthesis, Structure, EPR and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2002</b> , 2002, 2094-2102	2.3	57
423	Spectral and structural studies of metal complexes of isatin 3-hexamethyleneiminylthiosemicarbazone prepared electrochemically. <i>Polyhedron</i> , <b>2000</b> , 19, 1255-1262	2.7	57
422	Synthesis, Structural Characteristics and Biological Activities of Complexes of ZnII, CdII, HgII, PdII, and PtII with 2-Acetylpyridine 4-Methylthiosemicarbazone. <i>European Journal of Inorganic Chemistry</i> , <b>1999</b> , 1999, 965-973	2.3	57
421	Characterization and biological activities of two copper(II) complexes with diethylenetriamine and 2,2'-bipyridine or 1,10-phenanthroline as ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2005</b> , 62, 261-8	4.4	56
420	Copper(II) complexes with 4-amino-N-[4,6-dimethyl-2-pyrimidinyl]benzenesulfonamide. Synthesis, crystal structure, magnetic properties, EPR, and theoretical studies of a novel mixed $\mu$ -carboxylato, NCN-bridged dinuclear copper compound. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 3089-96	5.1	56
419	Versatility of Thiosemicarbazones in the Construction of Monomers, Dimers and Hydrogen-Bonded Networks of Silver(I) Complexes. <i>Crystal Growth and Design</i> , <b>2008</b> , 8, 1203-1212	3.5	54
418	Construction of a novel copper(I) chain polymer of hexanuclear $Cu_6(2-SC_5H_4NH)_6I_6$ cores with a new ( $\mu$ 3-5) mode of bonding of pyridine-2-thione and of an unusual triangular $Cu_3I_3(dppe)_3(2-SC_5H_4NH)$ cluster. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 7728-30	5.1	54
417	Zinc(II) complexes of 2-acetyl pyridine 1-(4-fluorophenyl)-piperazinyl thiosemicarbazone: Synthesis, spectroscopic study and crystal structures - potential anticancer drugs. <i>Journal of Inorganic Biochemistry</i> , <b>2010</b> , 104, 467-76	4.2	53
416	X-ray, spectral and biological (antimicrobial and superoxide dismutase) studies of oxalato bridged $CuI-NiII$ and $CuI-ZnII$ complexes with pentamethyldiethylenetriamine as capping ligand. <i>Journal of Inorganic Biochemistry</i> , <b>2004</b> , 98, 231-7	4.2	53
415	Metal $\pi$ -heterocyclic thione interactions. 13. Pyridine-2-thione derivatives of copper(I): crystal structure of dinuclear [bromo(pyridine-2-thione)(tri-p-tolylphosphine)copper(I)] <sub>2</sub> complex. <i>Polyhedron</i> , <b>2002</b> , 21, 1603-1611	2.7	53

414	Comparative structural study of dimethyl(pyridine-2-thiolato)thallium(III) and dimethylbis(pyridine-2-thiolato)tin(IV). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1990</b> , 1001-1005		52
413	Direct electrochemical synthesis of pyridine-2-thionato complexes of nickel(II): the crystal structure of (2,2'-bipyridine)bis(pyridine-2-thionato)nickel(II)-2,2'-bipyridine(2/1). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1990</b> , 531-534		51
412	Bis(diphenylphosphino)methane Induces Unusual Cyclometalation of Thiophene and Phenyl Rings (R) at the C2 Carbon of Thiosemicarbazones {R-C2(H) = N3-N2 H-C(?S)-N1H2} in Ruthenium(II) Complexes. <i>Organometallics</i> , <b>2008</b> , 27, 175-180	3.8	50
411	Oxidative DNA damage of mixed copper(II) complexes with sulfonamides and 1,10-phenanthroline. Crystal structure of [Cu(N-quinolin-8-yl-p-toluenesulfonamidate)2(1,10-phenanthroline)]. <i>Journal of Inorganic Biochemistry</i> , <b>2003</b> , 96, 367-74	4.2	50
410	Oxidative nuclease activity of ferromagnetically coupled mu-hydroxo-mu-propionato copper(II) complexes [Cu3(L)2(mu-OH)2(mu-propionato)2] (L=N-(pyrid-2-ylmethyl)R-sulfonamidato, R=benzene, toluene, naphthalene). <i>Journal of Inorganic Biochemistry</i> , <b>2009</b> , 103, 243-55	4.2	49
409	A windmill-shaped hexacopper(II) molecule built up by template core-controlled expansion of diaquatetrakis(mu2-adeninato-N3,N9)dicopper(II) with aqua(oxydiacetato)copper(II). <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 877-82	5.1	49
408	One-dimensional metal-organic framework with unprecedented heptanuclear copper units. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 372-4	5.1	47
407	Variable Coordination Modes of Benzaldehyde Thiosemicarbazones [Synthesis, Structure, and Electrochemical Properties of Some Ruthenium Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 4538-4546	2.3	46
406	Iron(III) and aluminum(III) complexes with hydroxypyrrone ligands aimed to design kojic acid derivatives with new perspectives. <i>Journal of Inorganic Biochemistry</i> , <b>2010</b> , 104, 560-9	4.2	45
405	Functional superoxide dismutase mimics. Structural characterization and magnetic exchange interactions of copper(II)-N-substituted sulfonamide dimer complexes. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 6805-14	5.1	45
404	Solid state coordination chemistry of copper(II)/hydroxycarboxylato/2,2'-bipyridine systems. <i>Polyhedron</i> , <b>2002</b> , 21, 2811-2818	2.7	45
403	Neutral Ni(II), Pd(II) and Pt(II) ONS-pincer complexes of 5-acetylbarbituric-4N-dimethylthiosemicarbazone: synthesis, characterization and properties. <i>Dalton Transactions</i> , <b>2012</b> , 41, 13486-95	4.3	44
402	Ruthenium(III)-promoted oxidative dimerization of aniline to N-phenyl-1,2-phenylenediimine. Definitive proof for the templated reaction. <i>Chemical Communications</i> , <b>1997</b> , 1267-1268	5.8	44
401	Chemistry of ruthenium(II) complexes of N-substituted 1,2-benzoquinone diimines. Synthesis, structure and redox properties. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1998</b> , 2901-2906		44
400	Crystal and molecular structure of spirobicyclic bis(tetraphenyldithioimidodiphosphinato)lead(II), [Pb(SPPh2)2N]2, containing a new inorganic (carbon-free) PbS2P2N chelate ring and Pb(L6-C6H5) interactions. <i>Polyhedron</i> , <b>1994</b> , 13, 2873-2879	2.7	44
399	Thiosemicarbazone derivatives of nickel and copper: the unprecedented coordination of furan ring in octahedral nickel(II) and of triphenylphosphine in three-coordinate copper(I) complexes. <i>Dalton Transactions</i> , <b>2011</b> , 40, 3219-28	4.3	43
398	Syntheses, structures and efficient catalysis for C-C coupling of some benzaldehyde thiosemicarbazone complexes of palladium. <i>Journal of Molecular Catalysis A</i> , <b>2011</b> , 344, 62-73		43
397	Inter-ligand interactions and the selective formation of the unusual metal-N3(adenine) bond in ternary copper(II) complexes with N-benzyliminodiacetato(2-) ligands. <i>Inorganic Chemistry Communication</i> , <b>2002</b> , 5, 800-802	3.1	43

- 396 Electrochemical synthesis and structural characterization of nickel(II) and copper(II) complexes of tridentate schiff bases: Molecular structure of the five-coordinated copper(II) complex: 1,10-phenanthroline {2-[(2-oxyphenyl)iminomethyl]phenolato}copper(II). *Polyhedron*, **1995**, 14, 663-670 2.7 43
- 395 Supramolecular organization in catena-poly{diethyl[3-(2-pyridyl)-2-sulfanylpropenoato]tin(IV)} and related diorganotin(IV) sulfanylcarboxylato compounds. *Journal of the Chemical Society Dalton Transactions*, **1998**, 1513-1522 42
- 394 Diorganotin(IV)-promoted deamination of amino acids by pyridoxal: SnR<sub>2</sub> 2+ complexes of pyridoxal 5?-phosphate and of the Schiff base pyridoxal-pyridoxamine (PLPM), and antibacterial activities of PLPM and [SnR<sub>2</sub>(PLPM-2H)] (R=Me, Et, Bu, Ph). *Polyhedron*, **2003**, 22, 53-65 2.7 42
- 393 DNA binding, nuclease activity, DNA photocleavage and cytotoxic properties of Cu(II) complexes of N-substituted sulfonamides. *Journal of Inorganic Biochemistry*, **2013**, 121, 167-78 4.2 41
- 392 Singlet diradical complexes of chromium, molybdenum, and tungsten with azo anion radical ligands from M(CO)<sub>6</sub> precursors. *Inorganic Chemistry*, **2007**, 46, 8584-93 5.1 41
- 391 Copper(II) complexes of N<sub>4</sub> tetradentate ligands with flexible alkyl spacers: Crystal structure, DNA binding and cleavage studies. *Polyhedron*, **2007**, 26, 3008-3016 2.7 41
- 390 Synthesis and structures of monomeric [chloro(isatin-3-thiosemicarbazone)bis(triphenylphosphine)]copper(I) and dimeric [dichlorobis(thiophene-2-carbaldehyde thiosemicarbazone)bis(triphenylphosphine)]dicopper(I) complexes. *Polyhedron*, **2007**, 26, 2621-2628 2.7 40
- 389 Synthesis, characterization and DFT calculations of a novel hexanuclear silver(I) cluster-complex containing 4-ethyl-5-pyridin-2-yl-2,4-dihydro-[1,2,4]triazol-3-thione as a result from the cyclization of 2-pyridiniformamide N-4-ethylthiosemicarbazone. *Polyhedron*, **2006**, 25, 3653-3660 2.7 40
- 388 Direct Electrochemical Synthesis of Pyrimidine-2-thionato Complexes of Zinc(II) and Cadmium(II): The Crystal Structure of (1,10-Phenanthroline)bis(pyrimidine-2-thionato)cadmium(II). *Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences*, **1992**, 47, 1067-1074 1 40
- 387 Synthesis of nickel(II), copper(II), zinc(II), and cadmium(II) complexes of 2-[(2-mercaptophenyl)iminomethyl] pyrrole and 2-[(2-mercaptoethyl)-iminomethyl]pyrrole by the electrochemical cleavage of a disulphide bond: the crystal structure of bis{2-[(pyrrol-2-yl)methyleneamino]thiophenolato-S,N}zinc(II). *Journal of the Chemical Society Dalton Transactions*, **2002**, 12, 2211-2218 40
- 386 Kojic acid derivatives as powerful chelators for iron(III) and aluminium(III). *Dalton Transactions*, **2011**, 40, 5984-98 4.3 39
- 385 Syntheses, NMR (1H, 31P) spectroscopy and crystal structures of complexes of copper(I) halides with isatin-3-thiosemicarbazones. *Journal of Coordination Chemistry*, **2005**, 58, 803-809 1.6 39
- 384 Structural studies of metal complexes of 2-pyridineformamide N(4)-methylthiosemicarbazone. *Polyhedron*, **2002**, 21, 729-737 2.7 39
- 383 Mixed-Ligand Complexes of Copper(II) with  $\beta$ -Hydroxycarboxylic Acids and 1,10-Phenanthroline. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2001**, 627, 948-954 1.3 39
- 382 Chiral channels in a 3-D network of self-assembled tetranuclear copper(II) aggregates. *Chemical Communications*, **2000**, 1547-1548 5.8 39
- 381 Cobalt(III) complexes with 2-acetyl- and 2-formylpyridine 4N-methylthiosemicarbazones. *Inorganica Chimica Acta*, **1994**, 216, 229-236 2.7 38
- 380 Synthesis and spectroscopic properties of diorganotin(IV) derivatives of 2,6-diacetylpyridine bis(thiosemicarbazone). Crystal structure of diphenyl{2,6-diacetylpyridine bis(thiosemicarbazonato)}tin(IV) bis(dimethylformamide) solvate. *Inorganica Chimica Acta*, **1994**, 221, 61-68 2.7 38
- 379 The electrochemical synthesis of neutral copper(II) complexes of schiff base ligands: The crystal structures of bis-{n-[2-(3-methylpyridyl)]-5-methoxysalicylideneiminato}copper(II) and bis-{n-[2-(6-methylpyridyl)]-salicylideneiminato}copper(II). *Polyhedron*, **1989**, 8, 2543-2549 2.7 38

378	Platinum complexes of diazo ligands. Studies of regioselective aromatic ring amination, oxidative halogen addition and reductive halogen elimination reactions. <i>Dalton Transactions</i> , <b>2005</b> , 1249-55	4.3	37
377	Complexes of Co(II) and Zn(II) with ofloxacin. Crystal structure of [Co(olfo) <sub>2</sub> (MeOH) <sub>2</sub> ].4MeOH. <i>Journal of Pharmaceutical Sciences</i> , <b>2002</b> , 91, 2416-23	3.9	37
376	Structures of 2-pyridineformamide thiosemicarbazone and its complexes with cadmium halides. <i>Polyhedron</i> , <b>2000</b> , 19, 1873-1880	2.7	37
375	Metalheterocyclic thione interactions.. <i>Polyhedron</i> , <b>2000</b> , 19, 899-906	2.7	37
374	Electrochemical synthesis of pyridine-2-thionato complexes of zinc(II) and cadmium(II): the crystal structure of 1,10-phenanthroline-bis(pyridine-2-thionato)zinc(II). <i>Polyhedron</i> , <b>1991</b> , 10, 197-202	2.7	37
373	Mixed-ligand copper(II)-sulfonamide complexes: effect of the sulfonamide derivative on DNA binding, DNA cleavage, genotoxicity and anticancer activity. <i>Dalton Transactions</i> , <b>2013</b> , 42, 10244-59	4.3	36
372	Design and synthesis of a new binucleating ligand via cobalt-promoted C-N bond fusion reaction. Ligand isolation and its coordination to nickel, palladium, and platinum. <i>Inorganic Chemistry</i> , <b>2003</b> , 42, 5367-75	5.1	36
371	Structural and Spectral Studies of 2-Pyridineformamide Thiosemicarbazone and its Complexes Prepared with Zinc Halides. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2000</b> , 55, 511-518	1	36
370	Preparation, Structural Characterization, and Antifungal Activities of Complexes of Group 12 Metals with 2-Acetylpyridine- and 2-Acetylpyridine-N-oxide-4N-phenylthiosemicarbazones. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1999</b> , 625, 961-968	1.3	36
369	Crystal structures of two new heptamolybdates and of a pyrazole incorporating a heptamolybdate anion. <i>Inorganica Chimica Acta</i> , <b>1999</b> , 295, 106-114	2.7	35
368	Synthesis and characterization of metal(II)-8-quinolinsulfonamidato (sa-) complexes (M = Co, Ni, Cu, and Zn). Crystal structure of [Zn(sa) <sub>2</sub> (NH <sub>3</sub> )]NH <sub>3</sub> complex. Carbonic anhydrase inhibitory properties. <i>Journal of Inorganic Biochemistry</i> , <b>1996</b> , 62, 31-9	4.2	35
367	Mono- and di-nuclear complexes of thiosemicarbazones with copper(I): Synthesis, spectroscopy and structures. <i>Polyhedron</i> , <b>2009</b> , 28, 3899-3906	2.7	34
366	The chemistry of pyridinethiols and related ligandsVII. Preparation and spectroscopy of mixed-ligand copper(I) complexes: the crystal structure of first mixed-ligand dinuclear [iodo(pyridine-2-thione)(tri-p-tolylphosphine)copper(I)] <sub>2</sub> complex. <i>Polyhedron</i> , <b>1997</b> , 16, 4023-4031	2.7	34
365	Cyclometallated semicarbazone complexes of palladium(II). Crystal and molecular structure of [Pd[C <sub>6</sub> H <sub>4</sub> C(Et)NN(H)C(O)NH <sub>2</sub> ]] <sub>2</sub> (Ph <sub>2</sub> P(CH <sub>2</sub> ) <sub>3</sub> PPh <sub>2</sub> )](ClO <sub>4</sub> ) <sub>2</sub> . <i>Journal of Organometallic Chemistry</i> , <b>1998</b> , 556, 21-30	2.3	34
364	Synthesis of [2-(pyridin-2-yl)phenyl]-mercury(II) arylthiosemicarbazones: An unusual coordination mode of a deprotonated 2-formyl-(2-hydroxy-benzene)-thiosemicarbazone. <i>Polyhedron</i> , <b>1998</b> , 17, 3701-3709	2.7	34
363	Mono- and di-functional aromatic amines with p-alkoxy substituents as novel arylimido ligands for the hexamolybdate ion. <i>Inorganica Chimica Acta</i> , <b>2003</b> , 342, 37-47	2.7	34
362	Spectral and structural studies of mercury(II) complexes of 2-pyridineformamide N(4)-dimethylthiosemicarbazone. <i>Polyhedron</i> , <b>2003</b> , 22, 1147-1154	2.7	34
361	Hydrothermal Synthesis, Crystal Structures and Effect of Non Bonding Interactions in Crystal Packing of Two Mixed-Ligand Metal Complexes with Glycolato and 2,2'-Dipyridylamine and with Benzilato and Imidazole. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 2006-2010	1.3	34

360	Interactions of metal ions with a 2,4-diaminopyrimidine derivative (trimethoprim). Antibacterial studies. <i>Journal of Inorganic Biochemistry</i> , <b>2000</b> , 81, 275-83	4.2	34
359	Diorganotin(IV) complexes of imidazole-2-carbaldehyde thiosemicarbazone (H <sub>2</sub> ImTSC). The crystal and molecular structures of the free ligand and of [SnMe <sub>2</sub> (ImTSC)]. <i>Dalton Transactions RSC</i> , <b>2000</b> , 2267-2272		34
358	Heterocyclic thioamide derivatives of coinage metals (Cu, Ag): Synthesis, structures and spectroscopy. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 3432-3441	2.7	33
357	Pd(II) and Pt(II) complexes of 2,2'-biimidazole and its N,N'-dimethyl derivative. The crystal structure of [[PtBr(DMSO)] <sub>2</sub> (Me <sub>2</sub> bim)] (Me <sub>2</sub> bim=N,N'-dimethyl-2,2'-biimidazole). <i>Polyhedron</i> , <b>2003</b> , 22, 1113-1121	2.7	33
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71	[CuCl(C <sub>12</sub> H <sub>9</sub> N <sub>2</sub> O <sub>5</sub> )(C <sub>12</sub> H <sub>10</sub> N <sub>2</sub> O <sub>5</sub> )(H <sub>2</sub> O)]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1999</b> , 55, 878-880		4
70	Tris{2-[(4-chlorophenyl)iminomethyl]pyrrolato-N,N'}cobalt(III). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1996</b> , 52, 2734-2736		4
69	Structure of dichloro(iodo)bis(triphenylphosphine oxide)thallium(III) at 223 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 1738-1740		4
68	Structure of dibromiodobis(triphenylphosphine oxide)thallium(III). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1986</b> , 42, 1289-1291		4
67	Complexes of 1,8-bis(2-pyridyl)-3,6-dithiaoctane with cobalt(II) halides. <i>Transition Metal Chemistry</i> , <b>1983</b> , 8, 129-131	2.1	4
66	The crystal structure of S-cis-diaqua[bis(2-pyridyl)-3,6-dithiaoctane]cobalt(III) diperchlorate. <i>Acta Crystallographica Section A: Foundations and Advances</i> , <b>1984</b> , 40, C302-C302		4
65	N-(5-Amino-1H-1,2,4-triazol-3-yl)pyridine-2-carboxamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, o227-8		4
64	Tandem Benzyne Cycloadditions Leading to Polycyclic Compounds. <i>Australian Journal of Chemistry</i> , <b>1997</b> , 50, 751	1.2	4
63	Molecular and supramolecular recognition patterns in ternary copper(II) or zinc(II) complexes with selected rigid-planar chelators and a synthetic adenine-nucleoside. <i>Journal of Inorganic Biochemistry</i> , <b>2020</b> , 203, 110920	4.2	4
62	Hexanuclear CuO-3Cu triazole-based units as novel core motifs for high nuclearity copper(ii) frameworks.. <i>RSC Advances</i> , <b>2019</b> , 9, 29357-29367	3.7	4
61	H-Bonds, $\pi$ -Stacking and (Water)O-H/ $\pi$ Interactions in ( $\eta$ -4-EDTA)Bis(Imidazole) Dicopper(II) Dihydrate. <i>Crystals</i> , <b>2021</b> , 11, 48	2.3	4
60	Highest Reported Denticity of a Synthetic Nucleoside in the Unprecedented Tetradentate Mode of Acyclovir. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 4282-4286	3.5	4
59	Anion/Cation Recognition Pattern, Thermal Stability and DFT-Calculations in the Crystal Structure of H <sub>2</sub> dap[Cd(HEDTA)(H <sub>2</sub> O)] Salt (H <sub>2</sub> dap = H <sub>2</sub> (N <sub>3</sub> ,N <sub>7</sub> )-2,6-Diaminopurinium Cation). <i>Crystals</i> , <b>2020</b> , 10, 304	2.3	3
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55	1-Cyclopentyluracils: Synthesis and conformational analysis by X-ray crystallography and AM1 theoretical calculations. <i>Journal of Molecular Structure</i> , <b>1998</b> , 448, 69-75	3.4	3

54	Dinuclear EGTA-copper(II) chelates with imidazole as auxiliary ligand. <i>Inorganic Chemistry Communication</i> , <b>2006</b> , 9, 903-906	3.1	3
53	Copper(II) complexes 1-phenylpropane-1,2-dione- and benzil bis(3-piperidylthiosemicarbazone): A structural study. <i>Journal of Chemical Crystallography</i> , <b>2003</b> , 33, 11-18	0.5	3
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51	Electrochemical Synthesis of a 6-Coordinate Cadmium(II) Complex with N-Methylisatin N(4)-cyclohexylthiosemicarbazone. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2000</b> , 55, 162-166	1	3
50	COPPER(II) COMPLEXES OF N-CARBOXYMETHYL-D,L-THREONINE IN AQUEOUS SOLUTION. STRUCTURE OF AQUA (N-CARBOXYMETHYL-D,L-THREONINATO (2-)) COPPER(II). <i>Journal of Coordination Chemistry</i> , <b>1995</b> , 34, 139-148	1.6	3
49	Bis(1,1'-dimethyl-5-nitro-2,2'-biimidazol-3'-ium) trans-Tetrachlorodimethylstannate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1995</b> , 51, 2561-2563		3
48	Structure of mer-trichlorotris(N-methylimidazole)thallium(III). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 1406-1408		3
47	Structure of 1,7-bis(benzimidazol-2-yl)-2,6-dithiaheptanecopper(I) perchlorate at 233 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 1736-1738		3
46	Synthesis, and spectral and X-ray characterization, of methylmercury(II) and dimethylthallium(III) complexes of 2-furanthiocarboxyhydrazide. <i>Inorganica Chimica Acta</i> , <b>1992</b> , 197, 163-168	2.7	3
45	Complexes of TlCl <sub>2</sub> I with Pyridine N-Oxide and some Substituted Pyridine N-Oxides. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>1987</b> , 17, 693-707		3
44	Donor-acceptor compounds. Complexes of gallium trichloride with some aromatic amine oxides. <i>Journal of Inorganic and Nuclear Chemistry</i> , <b>1978</b> , 40, 355-357		3
43	Synthesis, crystal structure and DFT study of a dinuclear CuI complex with (E)-2-benzylidene-N-methylhydrazinecarbothioamide: Role of halogen-hydrogen bonds in copper-copper bridge bonding. <i>Journal of Coordination Chemistry</i> , <b>2021</b> , 74, 942-954	1.6	3
42	Weak Interactions in Cocrystals of Isoniazid with Glycolic and Mandelic Acids. <i>Crystals</i> , <b>2021</b> , 11, 328	2.3	3
41	Deciphering the H-Bonding Preference on Nucleoside Molecular Recognition through Model Copper(II) Compounds. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	3
40	The influence of substituents at C2/N1 atoms of pyridine-2-formaldehyde-/benzaldehyde-N1-substituted thiosemicarbazones on the type of copper(I) complexes. <i>Polyhedron</i> , <b>2019</b> , 158, 449-457	2.7	3
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37	Isotype 1D polymers of cobalt(II) or zinc(II) constructed with square-planar tetraaqua-metal(2+) units and the bis-zwitterionic form of the <u>2</u> -O,O'-trans-1,4-dihydrogen-cyclohexanediaminotetraacetate(2 <sup>-</sup> )ligand. <i>Polyhedron</i> , <b>2012</b> , 31, 463-471	2.7	2



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35	Structure of diaqua-1,6-bis(benzimidazol-2-yl)-2,5-dithiahexane cobalt(II) iodide monohydrate at 233 K. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1991</b> , 47, 1725-1727		2
34	Crystal and molecular structure of [diaqua{1,6-bis(benzimidazol-2-yl)-2,5-dithiahexane} cobalt(II)] dinitrate monohydrate. <i>Journal of Crystallographic and Spectroscopic Research</i> , <b>1993</b> , 23, 891-893		2
33	Structure of diaqua[1,6-bis(2-benzimidazolyl)-2,5-dithiahexane]nickel(II) diperchlorate monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1990</b> , 46, 1739-1741		2
32	Di-iodo-bis[iodo(thiobenzamid-S)quecksilber(II)]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1986</b> , 42, 151-153		2
31	Complexes of TlBr <sub>2</sub> I with Pyridine N-Oxide and Some Substituted Pyridine N-Oxides. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>1987</b> , 17, 79-92		2
30	Multicomponent Solids of DL-2-Hydroxy-2-phenylacetic Acid and Pyridinecarboxamides. <i>Crystals</i> , <b>2022</b> , 12, 142	2.3	2
29	Probing the effect of N-alkylation on the molecular recognition abilities of the major groove N7-binding site of purine ligands. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 200, 110801	4.2	1
28	Novel Cd (II) Coordination Polymers Afforded with EDTA or Trans-1,2-Cdta Chelators and Imidazole, Adenine, or 9-(2-Hydroxyethyl) Adenine Coligands. <i>Crystals</i> , <b>2020</b> , 10, 391	2.3	1
27	The effect of substituents at C2/N1 atoms of salicylaldehyde and 2-hydroxyacetophenone based thiosemicarbazones on the nature of nickel(II) complexes with 1,10-phenanthroline and terpyridine as co-ligands. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 482, 268-274	2.7	1
26	Unprecedented 4/5-methylimidazole linkage isomerism within a binuclear copper(II) complex molecule. <i>Inorganic Chemistry Communication</i> , <b>2014</b> , 42, 20-22	3.1	1
25	Synthesis, crystal structure and properties of three different derivatives of bis[di(2-pyridyl)methanediol]copper(II), $[Cu(bpmd)_2]^{2+}$ . <a href="#">View all notes</a> . <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 120-129	1.6	1
24	Synthesis and structure of 5-methoxy-4-methylbenzopsoralen. <i>Structural Chemistry</i> , <b>1997</b> , 8, 453-457	1.8	1
23	N,N'-Bis(2-pyridylmethyl)dithiooxamide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1998</b> , 54, 1130-1131		1
22	(OC-6-32)-Diaquabis(glycolato)cobalt(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2003</b> , 59, m588-m590		1
21	Synthesis, spectroscopic characterization and X-ray crystal structure of 2-(4-methylpyridinium)-5-(4-pyridinium)-1,3-dithiolane-2,4-dicarboxylic acid dithiocyanate monohydrate. <i>Journal of Molecular Structure</i> , <b>2000</b> , 522, 193-199	3.4	1
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18	Performance characteristics of active cavity radiometers in unshuttered applications. <i>Applied Optics</i> , <b>1986</b> , 25, 3705	1.7	1
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16	Solid state structures of cadmium complexes with relevance for biological systems. <i>Metal Ions in Life Sciences</i> , <b>2013</b> , 11, 145-89	2.6	1
15	Synthesis and Characterization of Some 5-Acetylbarbituric Based Thiosemicarbazone Derivatives. <i>Proceedings (mdpi)</i> , <b>2019</b> , 41, 10	0.3	1
14	Supramolecular, spectroscopic and computational analysis of weak interactions in some thiosemicarbazones derived from 5-acetylbarbituric acid. <i>Journal of Molecular Structure</i> , <b>2021</b> , 1245, 131031	3.4	0
13	Metal complexes with N-(trifluoromethylbenzyl)iminodiacetate chelators (x-3F ligands). Part I. Copper(II) chelates of p-3F, m-3F, and o-3F with or without imidazole-like ligands. <i>Journal of Coordination Chemistry</i> , <b>2015</b> , 68, 2739-2759	1.6	
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11	CB bond forming reactivity of N-heteropentacene: Isolation and characterization of a phospho-ylide complex of ruthenium(II). <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 2840-2847	2.7	
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9	Crystal Structure of Bis[acetatotetrabutyl- $\mu$ -hydroxy- $\mu$ -3-oxoditin], [(AcO)Bu <sub>2</sub> Sn(OH)OSnBu <sub>2</sub> ] <sub>2</sub> . <i>Analytical Sciences: X-ray Structure Analysis Online</i> , <b>2007</b> , 23, X111-X112		
8	Preface: Journal of Inorganic and General Chemistry 11/2005. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 1977-1977	1.3	
7	Synthesis and Crystal Structure of [Bis(N-oxo-2-acetylpyridine 4N-Methylthiosemicarbazone)zinc(II)] Monohydrate. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2001</b> , 56, 927-930	1	
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3	Interactions between Isoniazid and $\beta$ -Hydroxycarboxylic Acids. <i>Chemistry Proceedings</i> , <b>2021</b> , 3, 73		
2	In Search of New Tyrosinase Mimetics: Acyclic Polyaminic Ligands of Benzo[g]Phthalazine Able to Form Dinuclear Complexes with Cu(II) <b>1998</b> , 475-478		
1	Synthesis and Structural Assessment of Methyl 2-(4-Phenyl-5-(Pyridin-2-yl)-4H-1,2,4-Triazol-3-yl)thioacetate (phpy2NS) and Its Complex with HgCl <sub>2</sub> . <i>Proceedings (mdpi)</i> , <b>2018</b> , 2, 1115	0.3	

