

Marcos Flores-Alamo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Stronger-together: the cooperativity of aurophilic interactions. <i>Chemical Communications</i> , 2022, 58, 1398-1401.	4.1	7
2	Crystal structures of cocrystals of 2,7-dihydroxynaphthalene with isoniazid and piracetam. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2022, 78, 280-286.	0.5	0
3	Effect of the substituents of new coumarin-imidazo[1,2- <i>a</i>]heterocyclic-3-acrylate derivatives on nonlinear optical properties: a combined experimental-theoretical approach. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 22466-22475.	2.8	5
4	Palladium-Catalyzed Generation of <i>ortho</i> -Quinone Methides. A Three-Component Synthesis of L-Shaped Dimeric Steroidal Scaffolds. <i>Journal of Organic Chemistry</i> , 2021, 86, 4112-4120.	3.2	6
5	Fluorination Effects in XPhos Gold(I) Fluorothiolates. <i>Inorganics</i> , 2021, 9, 14.	2.7	1
6	Self-Assembly and Aggregation-Induced Emission in Aqueous Media of Responsive Luminescent Copper(I) Coordination Polymer Nanoparticles. <i>Chemistry - A European Journal</i> , 2021, 27, 8308-8314.	3.3	8
7	Structural Diversity and Argentophilic Interactions in Small Phosphine Silver(I) Thiolate Clusters. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2702-2711.	2.0	9
8	Synthesis, characterization, and oxidation electrochemistry of some novel 1,2-dithiol-3-ones and 1,2-dithiol-3-thiones containing aryl and metallocenyl fragments. <i>Journal of Organometallic Chemistry</i> , 2021, 944, 121809.	1.8	3
9	Boronic acid complexes with amino phenolic N,O-ligands and their use for non-covalent protein fluorescence labeling. <i>Bioorganic Chemistry</i> , 2021, 113, 104993.	4.1	3
10	Mononuclear and Tetranuclear Copper(II) Complexes Bearing Amino Acid Schiff Base Ligands: Structural Characterization and Catalytic Applications. <i>Molecules</i> , 2021, 26, 7301.	3.8	7
11	Palladium catalyzed synthesis of benzannulated steroid spiroketals. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 725-737.	2.8	9
12	Pyridyl based mono and di-selenoethers: Synthesis, characterization and DFT study. <i>Journal of Molecular Structure</i> , 2020, 1205, 127449.	3.6	4
13	N/N Bridge Type and Substituent Effects on Chemical and Crystallographic Properties of Schiff-Base (Salen/Salphen) Ni(II) Complexes. <i>Crystals</i> , 2020, 10, 616.	2.2	8
14	Acrylic Polymers Containing a Nickel Salphen Complex: An Approach to Supramolecular and Macromolecular Systems. <i>ChemPlusChem</i> , 2020, 85, 2546-2556.	2.8	4
15	Acrylic Polymers Containing a Nickel Salphen Complex: An Approach to Supramolecular and Macromolecular Systems. <i>ChemPlusChem</i> , 2020, 85, 2543-2543.	2.8	1
16	Synthesis, crystal structure and fluorination effects in vinylidenebis(diphenylphosphine)gold(I) thiolate coordination compounds. <i>Journal of Fluorine Chemistry</i> , 2020, 236, 109578.	1.7	0
17	Directing the Crystal Packing in Triphenylphosphine Gold(I) Thiolates by Ligand Fluorination. <i>Inorganic Chemistry</i> , 2020, 59, 8667-8677.	4.0	13
18	Examination of pinanediol boronic acid ester formation in aqueous media: relevance to the relative stability of trigonal and tetrahedral boronate esters. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 2716-2726.	2.8	6

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19	Synthesis of 23E-ethylidene spirostanes via the BF ₃ ·Et ₂ O-catalyzed aldol condensation of steroid sapogenins and acetaldehyde. <i>Tetrahedron Letters</i> , 2020, 61, 151918.	1.4	1
20	Studies on the reactivity of 23E-benzylidene spirostanes. <i>Steroids</i> , 2019, 151, 108462.	1.8	1
21	Synthesis of Dimeric Steroid Trioxabispiroacetals Scaffolds by Gold(I)-Catalyzed Hydroalkoxylation/Hydration of Diynediols. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4916-4927.	2.4	13
22	Alkynyl Fischer Carbenes as a Platform for the Production of Difluorodiazaborinine Complexes via λ^2 -Aminoazadienes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6571-6578.	2.4	2
23	Diferrocenyl(hydroxy)oxazepines and diferrocenyl-4-aza-1,3-dienes in the reactions of 2,3-diferrocenyl-1-methylthiocyclopropenylum iodide with aromatic and aliphatic bis-1,4-N,O-nucleophiles. <i>Polyhedron</i> , 2019, 171, 353-364.	2.2	2
24	Bis-cations with two 2,3-diferrocenylcyclopropenium fragments stabilized with diamino-alkanes: Synthesis and cytotoxic activity. <i>Journal of Inorganic Biochemistry</i> , 2019, 197, 110689.	3.5	0
25	Bi- and tridentate stannylphosphines and their coordination to low-valent platinum. <i>Dalton Transactions</i> , 2019, 48, 15896-15905.	3.3	3
26	Exploring the Self-Assembled Tacticity in Auophilic Polymeric Arrangements of Diphosphanegold(I) Fluorothiolates. <i>Molecules</i> , 2019, 24, 4422.	3.8	5
27	Synthesis and structural analysis of bioactive Schiff-base pentacoordinated diorganotin(IV) complexes. <i>Journal of Molecular Structure</i> , 2019, 1180, 462-471.	3.6	14
28	Mn(η^5) organometallics containing the η^2 -P(CH ₂) ₂ P(η^2) ligand for the catalytic hydration of aromatic nitriles. <i>Catalysis Science and Technology</i> , 2018, 8, 2606-2616.	4.1	9
29	Diferrocenyl(areno)oxazoles, spiro(arenooxazole)cyclopropenes, quinolines and areno[1,4]oxazines: Synthesis, characterization and study of their antitumor activity. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 312-322.	1.8	13
30	Auophilicity vs. thiophilicity: directing the crystalline supramolecular arrangement in luminescent gold compounds. <i>New Journal of Chemistry</i> , 2018, 42, 7845-7852.	2.8	14
31	Theoretical and experimental study demonstrates kinetic control in chalcone-flavanone transformation of naphthalene derivatives. <i>Journal of Molecular Structure</i> , 2018, 1157, 631-637.	3.6	2
32	Unexpected reactivity of pyridinium salts toward alkynyl Fischer complexes to produce η^5 -heterocycles. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4202.	3.5	4
33	Coumarin Derivative Directly Coordinated to Lanthanides Acts as an Excellent Antenna for UV-Vis and Near-IR Emission. <i>Inorganic Chemistry</i> , 2018, 57, 908-911.	4.0	22
34	Transformations in Chemically Responsive Copper-Calixarene Architectures. <i>Chemistry - an Asian Journal</i> , 2018, 13, 520-527.	3.3	6
35	Synthesis, characterization, theoretical studies and biological activity of coordination compounds with essential metals containing N ₄ -donor ligand 2,9-di(ethylaminomethyl)-1,10-phenanthroline. <i>Inorganica Chimica Acta</i> , 2018, 470, 187-196.	2.4	10
36	Copper (II)-mediated oxidative dehydrogenation of amine ligands. <i>Inorganica Chimica Acta</i> , 2018, 481, 189-196.	2.4	3

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37	Intramolecular hydroxylation of a tetrabenzimidazole-based dicopper complex. <i>Inorganica Chimica Acta</i> , 2018, 481, 181-188.	2.4	2
38	Silver Complex of an N-Heterocyclic Carbene Ligand with Bulky Thiocarbamate Groups. <i>Journal of the Brazilian Chemical Society</i> , 2018, , .	0.6	0
39	Stability and <i>trans</i> Influence in Fluorinated Gold(I) Coordination Compounds. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4413-4420.	2.0	6
40	[VIVO]2+ complexes: Structure, unusual magnetic properties and cytotoxic effect. <i>Inorganica Chimica Acta</i> , 2018, 480, 197-206.	2.4	8
41	Thermodynamic and structural study of complexation of phenylboronic acid with salicylhydroxamic acid and related ligands. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4405.	3.5	8
42	On the selectivity of silver mediated thiolate transfer and the crystal structure of an unprecedented thiolate chloride Argentate(I) anion. <i>Inorganic Chemistry Communication</i> , 2018, 95, 149-153.	3.9	1
43	A series of dual-responsive Coumarin-Bodipy probes for local microviscosity monitoring. <i>Dyes and Pigments</i> , 2018, 157, 305-313.	3.7	27
44	Water-Soluble Ruthenium (II) Chiral Heteroleptic Complexes with Amoebicidal in Vitro and in Vivo Activity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 899-912.	6.4	15
45	Synthesis of benzannulated steroid spiroketals by palladium-catalyzed spirocyclization of steroid alkynediols. <i>Tetrahedron Letters</i> , 2017, 58, 2073-2076.	1.4	7
46	Reactions of 2,3-diferrocenylcyclopropenilium salts with bis-1,4-N,O-nucleophiles: Novel synthesis, characterization, chemical and electrochemical properties of the 2-(Z-1,2-diferrocenylvinyl)-4,5-dihydrooxazole derivatives. <i>Journal of Organometallic Chemistry</i> , 2017, 842, 21-31.	1.8	6
47	Solvothermal synthesis and spectroscopic characterization of three lanthanide complexes with high luminescent properties [H ₂ NMe ₂] ₃ [Ln(III)(2,6-pyridinedicarboxylate) ₃] (Ln = Sm, Eu, Tb): In the presence of 4,4'-Bipyridyl. <i>Journal of Molecular Structure</i> , 2017, 1145, 10-17.	3.6	12
48	Nickel-catalyzed reduction of ketones with water and triethylsilane. <i>Inorganica Chimica Acta</i> , 2017, 466, 324-332.	2.4	11
49	σ-Backbonding and non-covalent interactions in the JohnPhos and polyfluorothiolate complexes of gold(III). <i>Dalton Transactions</i> , 2017, 46, 12456-12465.	3.3	9
50	1-Alkyl-2-(Z-1,2-diferrocenylvinyl)oxazolinium tetrafluoroborates: synthesis, characterization and nucleophilic ring opening. <i>Mendeleev Communications</i> , 2017, 27, 26-28.	1.6	1
51	A family of rhodium and iridium complexes with semirigid benzylsilyl phosphines: from bidentate to tetradentate coordination modes. <i>Dalton Transactions</i> , 2017, 46, 8827-8838.	3.3	18
52	The mitochondrial apoptotic pathway is induced by Cu(II) antineoplastic compounds (Casiopé [®]) in SK-N-SH neuroblastoma cells after short exposure times. <i>BioMetals</i> , 2017, 30, 43-58.	4.1	30
53	Structural effects of trifluoromethylation and fluorination in gold(III) BIPHEP fluorothiolates. <i>New Journal of Chemistry</i> , 2017, 41, 10537-10541.	2.8	7
54	Effect of tunable redox behavior of bis chelate substituted 1,10-phenantroline Cu(II) complexes on its reaction with superoxide anion in DMSO. Toward a simple criterion to identify a SOD-like mechanism. <i>Journal of Inorganic Biochemistry</i> , 2017, 175, 118-128.	3.5	7

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55	An unexpected course of a palladium catalyzed three-component reaction leading to steroid chroman ketals. <i>Tetrahedron Letters</i> , 2017, 58, 3500-3504.	1.4	6
56	Baeyer-Villiger reaction of steroid sapogenins by CF ₃ COOH-H ₂ O ₂ . A short cut to pregnan-3 β ,16 β ,20-triol 3-monoacetates. <i>Steroids</i> , 2017, 128, 1-5.	1.8	4
57	Ruthenium(II)(p-cymene) complexes bearing ligands of the type 1-[2-(methoxycarbonyl)phenyl]-3-[4-X-phenyl]triazene (X = F, Cl, Br, I): Synthesis, structure and catalytic activity. <i>Inorganica Chimica Acta</i> , 2017, 466, 510-519.	2.4	5
58	Polycyclic ferrocenyl(dihydro)thiazepine derivatives: Diastereo-selective synthesis, characterization, electrochemical behavior, theoretical and biological investigation. <i>Journal of Inorganic Biochemistry</i> , 2017, 166, 141-149.	3.5	7
59	Dinuclear Copper(II) Complexes with Distant Metal Centers: Weaker Donor Groups Increase Catecholase Activity. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 56-62.	2.0	22
60	2,3-Diruthenocencyclopropenone. <i>IUCrData</i> , 2017, 2, .	0.3	1
61	4-Aryl-2-ferrocenyl- and 2-aryl-4-ferrocenyl-2,3-dihydro-1,5-benzothiazepines with Potentially Biological Activities: Synthesis, Characterization, X-ray Diffraction Studies. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 1990-1998.	2.6	4
62	N-alkyl-2-(1,2-diferrocenylvinyl)-4,5-dihydrooxazolium salts, multi-component synthesis and breaking of their heterocyclic systems. <i>Pure and Applied Chemistry</i> , 2016, 88, 1129-1142.	1.9	1
63	An unexpected BF ₃ ·Et ₂ O-catalyzed rearrangement of 23E-benzylidenespirostanes to spiro[furan-indenes]. <i>Tetrahedron Letters</i> , 2016, 57, 2249-2252.	1.4	6
64	Crystalline arrays of side chain modified bile acids derivatives. Two novel self-assemblies based on π - π and belly-to-belly interactions. <i>Steroids</i> , 2016, 115, 169-176.	1.8	8
65	Regioselective hypervalent iodine-induced Favorskii rearrangement of 3-oxo- Δ^5 -steroids. <i>Steroids</i> , 2016, 113, 22-28.	1.8	2
66	Multicomponent One-Pot Synthesis of 3-Tetrazolyl and 3-Imidazo[1,2- <i>a</i>]pyridin Tetrazolo[1,5- <i>a</i>]quinolines. <i>Journal of Organic Chemistry</i> , 2016, 81, 10576-10583.	3.2	37
67	Carbon-carbon vs. carbon-oxygen bond activation in 2- and 3-furonitriles with nickel. <i>RSC Advances</i> , 2016, 6, 101259-101266.	3.6	8
68	Luminescent diphosphine fluorophenylthiolate silver(I) compounds that exhibit argentophilic interactions. <i>New Journal of Chemistry</i> , 2016, 40, 6577-6579.	2.8	11
69	Adsorption of water induces a reversible structural phase transition and colour change in new nickel(II) macrocyclic complexes forming flexible supramolecular networks. <i>New Journal of Chemistry</i> , 2016, 40, 7465-7475.	2.8	4
70	Catalytic transfer hydrogenation of azobenzene by low-valent nickel complexes: a route to 1,2-disubstituted benzimidazoles and 2,4,5-trisubstituted imidazolines. <i>Dalton Transactions</i> , 2016, 45, 10389-10401.	3.3	11
71	Regioselective Multicomponent Synthesis of 2,4,6-Trisubstituted Phenols from Fischer Alkynyl Carbene Complexes. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1314-1323.	2.4	8
72	Novel hexanuclear and octanuclear zinc alkyl cages derived from a bis-oxamidate ligand. <i>Inorganic Chemistry Communication</i> , 2016, 63, 107-110.	3.9	11

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73	Synthesis, NMR and crystal characterization of dimeric terephthalates derived from epimeric 4,5-seco-cholest-3-yn-5-ols. <i>Steroids</i> , 2016, 109, 66-72.	1.8	19
74	Versatile coordination modes of ronidazole towards transition metal ions: five and seven membered chelate rings; supramolecular networks. <i>Polyhedron</i> , 2016, 104, 127-137.	2.2	4
75	Redox flexibility of iron complexes supported by sulfur-based tris(o-methylenethiophenolato)amine relative to its tripodal oxygen-based congener. <i>Dalton Transactions</i> , 2016, 45, 9996-10006.	3.3	4
76	The Crystal Structures of the $\hat{1}\pm$ - and $\hat{1}^2$ -Diastereomers of 4,5-Epoxy-cholestan-3-one. <i>Journal of Chemical Crystallography</i> , 2016, 46, 155-161.	1.1	1
77	Synthesis of pyrrolidones and quinolines from the known biomass feedstock levulinic acid and amines. <i>Tetrahedron Letters</i> , 2016, 57, 766-771.	1.4	41
78	A Range of Nitrate Coordination Modes in Ni ^{II} Complexes with the Versatile Ligand 1,8-Bis(2-pyridyl)-3,6-dithiooctane: Structural, Spectroscopic, Electrochemical, and Theoretical Studies. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3307-3316.	2.0	3
79	Zinc $\hat{1}^2$ -enaminoketonate complexes: synthesis, characterization and ROP of rac-lactide. <i>Main Group Chemistry</i> , 2015, 14, 141-157.	0.8	3
80	Crystal structure of the chalcone (<i>E</i>)-3-(furan-2-yl)-1-phenylprop-2-en-1-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 161-164.	0.5	9
81	Application of palladium-catalyzed carboxyl anhydride-boronic acid cross coupling in the synthesis of novel bile acids analogs with modified side chains. <i>Steroids</i> , 2015, 101, 21-27.	1.8	4
82	Antileishmanial activity of quinazoline derivatives: Synthesis, docking screens, molecular dynamic simulations and electrochemical studies. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 314-331.	5.5	40
83	Synthesis NMR Characterization and Crystal Structure of Methyl 3 $\hat{1}\pm$,7 $\hat{1}\pm$ -diacetoxy-12-oxo-13-oxa-C-homo-5 $\hat{1}^2$ -cholanate. <i>Journal of Chemical Crystallography</i> , 2015, 45, 114-119.	1.1	2
84	Hydrogenation of Biomass-Derived Levulinic Acid into $\hat{1}^3$ -Valerolactone Catalyzed by Palladium Complexes. <i>ACS Catalysis</i> , 2015, 5, 1424-1431.	11.2	89
85	Selective <i>N</i> -Methylation of Aliphatic Amines with CO ₂ and Hydrosilanes Using Nickel-Phosphine Catalysts. <i>Organometallics</i> , 2015, 34, 763-769.	2.3	90
86	Potential Amoebicidal Activity of Hydrazone Derivatives: Synthesis, Characterization, Electrochemical Behavior, Theoretical Study and Evaluation of the Biological Activity. <i>Molecules</i> , 2015, 20, 9929-9948.	3.8	12
87	Supramolecular fluorescence enhancement via coordination-driven self-assembly in bis-picolylcalixarene blue-emitting M ₂ L ₂ X _n macrocycles. <i>Dalton Transactions</i> , 2015, 44, 15966-15975.	3.3	15
88	Tandem hydrogenation and condensation of fluorinated $\hat{1}\pm$, $\hat{1}^2$ -unsaturated ketones with primary amines, catalyzed by nickel. <i>Dalton Transactions</i> , 2015, 44, 15653-15663.	3.3	9
89	Spin Crossover Behavior in a Series of Iron(III) Alkoxide Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 3413-3421.	4.0	20
90	Synthesis of novel polysubstituted N-benzyl-1H-pyrroles via a cascade reaction of alkynyl Fischer carbenes with $\hat{1}\pm$ -imino glycine methyl esters. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11753-11760.	2.8	9

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91	Spectroscopic studies of lanthanide complexes of varying nuclearity based on a compartmentalised ligand. Dalton Transactions, 2015, 44, 17175-17188.	3.3	17
92	Electrocatalytic Proton Reduction by Dimeric Nickel Complex of a Sterically Demanding Pincer-type NS ₂ Aminobis(thiophenolate) Ligand. Inorganic Chemistry, 2015, 54, 619-627.	4.0	27
93	A New Dicationic Ring [(Water)6(Ammonium)2] Acts as a Building Block for a Supramolecular 3D Assembly of Decavanadate Clusters and 4-(N,N-dimethylamino)pyridinium Ions. Journal of Cluster Science, 2015, 26, 901-912.	3.3	14
94	Synthesis, spectroscopic, and structural characterization of mixed thioether-benzimidazole copper complexes. Polyhedron, 2015, 85, 824-829.	2.2	8
95	Crystal structure of 1-mesityl-3-methyl-4-phenyl-1 <i>H</i> -1,2,3-triazol-3-ium iodide. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1041-o1042.	0.5	1
96	Three-Component Reaction of Tautomeric Amidines with 3-Ferrocenylmethylidene-2,4-pentanedione. Formation of Polymeric Coordination Complexes of Potassium Ferrocenyl-(hexahydro)pyrimidoxides. Molecules, 2014, 19, 41-54.	3.8	1
97	NMR Characterization and Crystal Structure of 22-Phenyl-3 ¹² -acetoxy-bisnorchol-5-en-22-one. Journal of Chemical Crystallography, 2014, 44, 501-505.	1.1	1
98	The π -Back Bonding Modulation and Its Impact in the Electronic Properties of Cu ^{II} Antineoplastic Compounds: An Experimental and Theoretical Study. Chemistry - A European Journal, 2014, 20, 13730-13741.	3.3	35
99	Enrofloxacin hydrochloride dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o468-o469.	0.2	9
100	Crystal structure of (E)-1-(2-nitrobenzylidene)-2,2-diphenylhydrazine. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o909-o910.	0.2	1
101	5-Chloro-2-methylsulfanyl-6-(naphthalen-1-yloxy)-1 <i>H</i> -benzimidazole methanol monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o77-o77.	0.2	2
102	(<i>E</i>)-1,1-Diphenyl-2-(thiophen-2-ylmethylidene)hydrazine. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o80-o80.	0.2	0
103	Synthesis and characterization of sodium polymeric complexes containing carbanionic 3,5-dicyano-6-dicyanomethyl-(ferrocenyl)pyridine and 2-ferroceny(tetracyano)propene ligands. Polyhedron, 2014, 68, 272-278.	2.2	7
104	Synthesis of Low-Valent Nickel Complexes in Aqueous Media, Mechanistic Insights, and Selected Applications. Organometallics, 2014, 33, 6796-6802.	2.3	17
105	Synthesis, characterization and evaluation of the substituent effect on the amoebicide activity of new hydrazone derivatives. MedChemComm, 2014, 5, 989-996.	3.4	6
106	On the Catalytic Hydrodefluorination of Fluoroaromatics Using Nickel Complexes: The True Role of the Phosphine. Journal of the American Chemical Society, 2014, 136, 4634-4639.	13.7	62
107	Structural, magnetic and theoretical study of mononuclear nickel(II) and cobalt(II) compounds of a benzimidazole thiobutanoic acid derivative. Inorganica Chimica Acta, 2014, 423, 36-45.	2.4	9
108	Crystal structure of ethyl 3-anilino-2-[[bis(methylsulfanyl)methylidene]amino]-3-oxopropanoate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o930-o931.	0.2	0

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109	Synthesis of 3-amido-3-ferrocenylpropionamides from diethyl 2-(ferrocenylmethylidene)malonate and amidines. <i>Mendeleev Communications</i> , 2014, 24, 274-276.	1.6	1
110	Synthesis, NMR Characterization and Crystal Structure of Methyl 3 β ,7 β -Dihydroxy-12-oxo-5 β -cholanate. <i>Journal of Chemical Crystallography</i> , 2014, 44, 487-492.	1.1	5
111	A straightforward and efficient synthesis of praziquantel enantiomers and their 4 α -hydroxy derivatives. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 133-140.	1.8	18
112	First example of bridge mono-coordination mode for the ligand 1,8-bis-(2-pyridyl)-3,6-dithiaoctane (pdto) in a Co(II) tetrahedral complex. <i>Polyhedron</i> , 2014, 74, 72-78.	2.2	8
113	An alternative reduction course of the spiroketal side chain of steroid sapogenins induced by the presence of a 23E-benzylidene moiety. <i>Tetrahedron Letters</i> , 2013, 54, 4401-4405.	1.4	5
114	Benzimidazole-derived calix[4]arenes with polymerizable styrene groups and their Cu(II) complexes. <i>Inorganica Chimica Acta</i> , 2013, 407, 11-18.	2.4	3
115	Synthesis of 24-phenyl-24-oxo steroids derived from bile acids by palladium-catalyzed cross coupling with phenylboronic acid. NMR characterization and X-ray structures. <i>Steroids</i> , 2013, 78, 1092-1097.	1.8	7
116	Nickel-Catalyzed Hydrosilylation of CO ₂ in the Presence of Et ₃ B for the Synthesis of Formic Acid and Related Formates. <i>Organometallics</i> , 2013, 32, 7186-7194.	2.3	106
117	Mechanistic insights on the reactivity of furospirostanes with the 16 β ,22:22,25-diepoxy-23-acetoxymethyl-24-methyl side chain. <i>Steroids</i> , 2013, 78, 787-797.	1.8	0
118	Directed ortho-metalation versus reductive amination in the preparation of polytopic, highly substituted, and sterically congested amine-S-arylthiocarbamates as thiophenol precursors. <i>Tetrahedron</i> , 2013, 69, 9499-9506.	1.9	7
119	Novel synthesis and electrochemistry of 2-(1,2-diferrocenylvinyl)-imidazoline and -imidazolidine derivatives. <i>Journal of Organometallic Chemistry</i> , 2013, 743, 24-30.	1.8	8
120	Hypervalent-iodine induced quasi-Favorskii C-ring contraction of 12-oxosteroids: A shortcut to C-norsteroids. <i>Steroids</i> , 2013, 78, 234-240.	1.8	8
121	Cyclodimerization reactions of the β -ferrocenylvinyl(methyl)ketones in the presence of zinc-organic compounds. <i>Journal of Organometallic Chemistry</i> , 2013, 731, 29-34.	1.8	1
122	The Crystal Structure of Diosgenin Acetate and Its 23-Oxygenated Derivatives. <i>Journal of Chemical Crystallography</i> , 2013, 43, 187-196.	1.1	5
123	Diacetoxiodobenzene-mediated synthesis of unnatural furospirostane sapogenins derived from diosgenin and tigogenin. <i>Steroids</i> , 2013, 78, 798-802.	1.8	1
124	Synthesis, characterization, and biological activity of cobalt(II), nickel(II), copper(II), and zinc(II) complexes of secnidazole. <i>Inorganica Chimica Acta</i> , 2013, 397, 94-100.	2.4	13
125	Copper(II) mixed chelate compounds induce apoptosis through reactive oxygen species in neuroblastoma cell line CHP-212. <i>Journal of Inorganic Biochemistry</i> , 2013, 126, 17-25.	3.5	41
126	Selective C α -O Reduction in Phthalimide with Nickel(0) Compounds. <i>Organometallics</i> , 2013, 32, 2939-2943.	2.3	31

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127	Cobalt(II)-mediated synthesis of 2,6-bis[5,7-di-tert-butyl-1,3-benzoxazol-2-yl]-pyridine: Structural analysis and coordination behavior. <i>Journal of Molecular Structure</i> , 2013, 1032, 265-274.	3.6	6
128	Synthesis, Crystal Structure and NMR Assignments of 17 β -Acetoxy-4,5-secoandrost-3-en-5-one. <i>Journal of Chemical Crystallography</i> , 2013, 43, 605-609.	1.1	4
129	Synthesis and structural characterization of mono- and dinuclear Ni ^{II} and Pd ^{II} complexes derived from tetradentate 1,7-bis-(pyridin-2-yl)-2,6-diaza-1,6-heptadiene. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2477-2488.	2.2	6
130	(E)-1-(2,4-Dinitrobenzylidene)-2,2-diphenylhydrazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1039-o1039.	0.2	2
131	Synthesis and Structural Characterization of Fluorinated Thiosemicarbazones. <i>Molecules</i> , 2013, 18, 13111-13123.	3.8	12
132	1-[(E)-[5-(2-Nitrophenyl)furan-2-yl]methylidene]-2,2-diphenylhydrazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o90-o90.	0.2	2
133	A second monoclinic polymorph of (E)-phenyl(pyridin-2-yl)methanone oxime. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o310-o310.	0.2	1
134	Unambiguous assignment of ¹³ C NMR signals in epimeric 4,5-epoxy-3-oxo-steroids assisted by X-ray diffraction and gauge invariant atomic orbitals calculation of absolute isotropic shieldings. <i>Arkivoc</i> , 2013, 2013, 107-125.	0.5	8
135	[1,2-Bis(diisopropylphosphanyl)ethane- η^2 P, η^2](carbonato- η^2 O, η^2)nickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m200-m201.	0.2	0
136	exo-1,7-Dimethyl-4-phenyl-10-oxa-4-azatricyclo[5.2.1.0 ^{2,6}]dec-8-ene-3,5-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o1756-o1756.	0.2	0
137	4,4'-[(2R*,3R*,4R*,5R*)-3,4-Dimethyltetrahydrofuran-2,5-diyl]diphenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3019-o3020.	0.2	1
138	Aqua[1,8-bis(pyridin-2-yl)-3,6-dithiaoctane- η^4 N,S, η^2 , η^2]copper(II) dinitrate acetonitrile monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m135-m136.	0.2	3
139	(7aS)-(â€‘)-Dimethyl(1-oxido-3-oxo-5,6,7,7a-tetrahydro-3H-pyrrolizin-2-yl)sulfonium. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o752-o752.	0.2	0
140	Tris[2-(2H-indazol-2-yl)ethyl]amine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1879-o1880.	0.2	2
141	(R)-3,3-Diethyl-1-(2-hydroxy-1-phenylethyl)piperidin-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2356-o2356.	0.2	0
142	Diosgenin hemihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2357-o2357.	0.2	6
143	Tris(5,6-dimethyl-1,10-phenanthroline- η^2 N, η^2)copper(II) bis(hexafluoridophosphate) acetonitrile monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m987-m988.	0.2	1
144	Diosgenone: a second polymorph. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2358-o2358.	0.2	4

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145	Diaquatrakis(nitrato- η^2 O,O) κ^2 -[pyridine-2,6-diylbis(methyleneoxy)]dibenzaldehyde- η^1 O1]dysprosium(III) κ^2 -[pyridine-2,6-diylbis(methyleneoxy)]dibenzaldehyde- η^1 O1]. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1239-m1240.	0.2	1
146	(E)-1-(4-Nitrobenzylidene)-2,2-diphenylhydrazine. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3238-o3238.	0.2	4
147	Nickel-Catalyzed Reductive Hydroesterification of Styrenes Using CO ₂ and MeOH. Organometallics, 2012, 31, 8200-8207.	2.3	33
148	Competitive Condensation and Tandem Cyclization Reactions of 2-Cyano-3-ferrocenylacrylonitrile with Amidines in an Aqueous Medium. Heterocycles, 2012, 85, 2505.	0.7	3
149	Mechanistic insight on the catecholase activity of dinuclear copper complexes with distant metal centers. Dalton Transactions, 2012, 41, 4985.	3.3	63
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154	Mechanistic Insights into the C-S Bond Breaking in Dibenzothiophene Sulfones. Organometallics, 2012, 31, 4039-4045.	2.3	14
155	4-Ferrocenylpyridine- and 4-Ferrocenyl-3-ferrocenylmethyl-3,4-dihydropyridine-3,5-dicarbonitriles: Multi-Component Synthesis, Structures and Electrochemistry. Molecules, 2012, 17, 10079-10093.	3.8	11
156	Nickel-Catalyzed Alkylation and Transfer Hydrogenation of α,β -Unsaturated Enones with Methanol. Organometallics, 2012, 31, 680-686.	2.3	44
157	Study on the intramolecular transannular chalcogen-tin interactions in dithiastannecine compounds. Polyhedron, 2012, 33, 367-377.	2.2	11
158	Synthesis and structural characterization of bis-chelate Pd(II) complexes derived from substituted di-(2-pyridyl)methane ligands. Polyhedron, 2012, 36, 104-111.	2.2	4
159	Nickel-Catalyzed Transfer Semihydrogenation and Hydroamination of Aromatic Alkynes Using Amines As Hydrogen Donors. Organometallics, 2011, 30, 3340-3345.	2.3	46
160	Reduction of CO ₂ and SO ₂ with low valent nickel compounds under mild conditions. Dalton Transactions, 2011, 40, 9116.	3.3	22
161	On the reactivity of 23-methoxycarbonyl furospirostanes. Steroids, 2011, 76, 1021-1031.	1.8	1
162	Intramolecular Conversions of (Aminoferrocenylpenta-1,4-dienyl)-ferrocenylcarbenes: Synthesis of Diferrocenylmono-, bi-, tricycles and Amino(diferrocenyl)hexa-1,3,5-trienes. Molecules, 2011, 16, 5574-5590.	3.8	5

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164	A new N6 hexadentate ligand and a novel heptacoordinated N6O-type Fe(III) compounds: Synthesis, characterization and structure of [Fe(dimpyen)(OH)](A) ₂ (A=PF ₆ ⁻ or ClO ₄ ⁻). <i>Inorganica Chimica Acta</i> , 2011, 375, 213-219.	2.4	10
165	Nickel(0) Complexes with Fluorinated Alkyne Ligands and their Reactivity towards Semihydrogenation and Hydrodefluorination with Water. <i>Chemistry - an Asian Journal</i> , 2011, 6, 842-849.	3.3	21
166	The Crystal Structure of 3-Epismilagenin Acetate and 23-Oxo-3-epismilagenin Acetate. <i>Journal of Chemical Crystallography</i> , 2011, 41, 1476-1482.	1.1	0
167	The formation of 3-ferrocenylpyrazole-4-carboxylates and alkylhydrazine insertion products from \pm -ferrocenylmethylidene- β^2 -oxocarboxylates. <i>Journal of Heterocyclic Chemistry</i> , 2011, 48, 441-448.	2.6	8
168	Six-membered ring chelate complexes of Pd(II) and Pt(II) derived from di-(2-pyridyl)pyrimidin-2-ylsulfanylmethane. <i>Polyhedron</i> , 2011, 30, 1324-1329.	2.2	3
169	Chemodivergent Synthesis of 7-Aryl/alkyl-6-hydroxy-1,4-oxazepan-5-ones and 2-[Aryl/alkyl(hydroxy)methyl]morpholin-3-ones from a Common Epoxyamide Precursor. <i>Synthesis</i> , 2011, 2011, 2310-2320.	2.3	1
170	[1,2-Bis(diisopropylphosphanyl)ethane- β^2 P, β^2 Pâ€²]dichloridonickel(II)â€²9H-carbazole (1/2). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m501-m501.	0.2	2
171	(E)-1-(3,4-Dimethylbenzylidene)-2,2-diphenylhydrazine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1287-o1287.	0.2	2
172	[1,2-Bis(diisopropylphosphanyl)ethane- β^2 P, β^2 Pâ€²]dichloridonickel(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m871-m871.	0.2	3
173	1,3-Bis[(β^2)-(S)-(1-phenylethyl)iminomethyl]benzene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o1648-o1649.	0.2	1
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175	NMR and X-ray characterization of steroids with furospirostane side chains. <i>Arkivoc</i> , 2011, 2011, 165-182.	0.5	3
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178	2-(1,3-Thiazol-4-yl)benzimidazolium nitrate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o812-o812.	0.2	3
179	5-Fluoro-1-[(4S,5R)-5-(2-hydroxyethyl)-2,2-dimethyl-1,3-dioxolan-4-yl]pyrimidine-2,4(1H,3H)-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o1317-o1317.	0.2	0
180	(1E,2E)-1,2-Bis(2,2-diphenylhydrazin-1-ylidene)ethane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2349-o2349.	0.2	2

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182	Intramolecular Transformations of 3-Cyanoamino- and 3-Cyanoimino-1,2-diferrocenylcyclopropenes. Molecules, 2009, 14, 3161-3175.	3.8	7
183	A Novel Synthesis of Ferrocenylpyridazines. European Journal of Organic Chemistry, 2009, 2009, 4352-4356.	2.4	6
184	Synthesis, structure, and some chemical properties of diferrocenyl-1,2,3-triazines. Journal of Heterocyclic Chemistry, 2009, 46, 477-483.	2.6	10
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195	3 ^β -Acetoxy-16 ^β -hydroxypregn-5-ene-20-carboxylic acid 16-lactone (vespertilin acetate). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o3774-o3775.	0.2	1
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200	Magnetic and optical properties of trans-RSSR-[CrCl ₂ (cyclam)] ₂ ZnCl ₄ (cyclam=1,4,8,11-tetraazacyclotetradecane) attributed to counterion via hydrogen bonding. Inorganica Chimica Acta, 2004, 357, 4596-4601.	2.4	4
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