

Clara S B Gomes

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Manganese(I) tricarbonyl complexes as potential anticancer agents. <i>Journal of Biological Inorganic Chemistry</i> , 2022, 27, 49-64.	1.1	4
2	Hypervalent Iodine(III) Reagents with Transferable Primary Amines: Structure and Reactivity on the Electrophilic I ₂ -Amination of Stabilized Enolates. <i>Organic Letters</i> , 2022, 24, 776-781.	2.4	6
3	Insights into the anticancer activity of chiral alkylidene- λ^2 -lactams and alkylidene- λ^3 -lactams: Synthesis and biological investigation. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 63, 116738.	1.4	3
4	Mechanochemistry in Portugal – A Step towards Sustainable Chemical Synthesis. <i>Molecules</i> , 2022, 27, 241.	1.7	7
5	Manganese-Catalyzed Synthesis of Imines from Primary Alcohols and (Hetero)Aromatic Amines. <i>Synlett</i> , 2022, 33, 1290-1294.	1.0	6
6	Antimicrobial and antitumor activity of S-methyl dithiocarbamate Schiff base zinc(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2021, 216, 111331.	1.5	30
7	Manganese complexes with chelating and bridging di-triazolylidene ligands: synthesis and reactivity. <i>Dalton Transactions</i> , 2021, 50, 5911-5920.	1.6	10
8	Triazole-Based Half-Sandwich Ruthenium(II) Compounds: From <i>In Vitro</i> Antiproliferative Potential to <i>In Vivo</i> Toxicity Evaluation. <i>Inorganic Chemistry</i> , 2021, 60, 8011-8026.	1.9	7
9	Synthesis of Platinum(II) N-Heterocyclic Carbenes Based on Adenosine. <i>Molecules</i> , 2021, 26, 5384.	1.7	4
10	New luminescent tetracoordinate boron complexes: an in-depth experimental and theoretical characterisation and their application in OLEDs. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3960-3983.	3.0	13
11	Synthesis of 5H-chromeno[3,4-b]pyridines via DABCO-catalyzed [3 + 3] annulation of 3-nitro-2H-chromenes and allenates. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9711-9722.	1.5	5
12	Click-Derived Triazoles and Triazolylidenes of Manganese for Electrocatalytic Reduction of CO ₂ . <i>Molecules</i> , 2021, 26, 6325.	1.7	12
13	Synthesis and structural studies of hexafluorophosphate-based organic salts: A combined experimental and computational analysis. <i>Journal of Molecular Structure</i> , 2020, 1202, 127337.	1.8	1
14	-Phenylalanine derived tripodal vanadium complexes as catalysts for the asymmetric reductive coupling of benzaldehyde. <i>Inorganica Chimica Acta</i> , 2020, 510, 119727.	1.2	2
15	Luminescent halogen-substituted 2-(<i>N</i> -arylimino)pyrrolyl boron complexes: the internal heavy-atom effect. <i>Dalton Transactions</i> , 2020, 49, 10185-10202.	1.6	11
16	Neutral nickel(II) complex bearing hemilabile N,S-donor ligands – structural, Hirshfeld surfaces and DFT studies. <i>Molecular Crystals and Liquid Crystals</i> , 2020, 709, 98-110.	0.4	5
17	Boron complexes of aromatic 5-substituted iminopyrrolyl ligands: synthesis, structure, and luminescence properties. <i>Dalton Transactions</i> , 2019, 48, 13337-13352.	1.6	18
18	Naphthoylhydrazones: coordination to metal ions and biological screening. <i>New Journal of Chemistry</i> , 2019, 43, 17801-17818.	1.4	13

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19	Cu(II) complexes derived from N-carboxymethyl and N-carboxyethyl amino acids as catalysts for asymmetric oxidative coupling of 2-naphthol. <i>Molecular Catalysis</i> , 2019, 475, 110480.	1.0	4
20	Tetrahydropyrazolo[1,5-a]pyridine-fused steroids and their in vitro biological evaluation in prostate cancer. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 168-176.	2.6	16
21	Phosphane-Catalyzed [3+2] Annulation of Allenolates with 3-Nitro-2H-chromenes: Synthesis of Tetrahydrocyclopenta[c]chromenes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5441-5451.	1.2	15
22	A model compound for pyridinechalcone-based multistate systems. Ring opening-closure as the slowest kinetic step of the multistate. <i>New Journal of Chemistry</i> , 2019, 43, 18229-18239.	1.4	3
23	Neutral Mono(5-aryl-2-iminopyrrolyl)nickel(II) Complexes as Precatalysts for the Synthesis of Highly Branched Ethylene Oligomers: Preparation, Molecular Characterization, and Catalytic Studies. <i>Organometallics</i> , 2019, 38, 614-625.	1.1	25
24	Cationic allyl nickel complexes containing N,O-donor labile ligands: Synthesis and molecular characterisation. <i>Journal of Molecular Structure</i> , 2019, 1182, 260-265.	1.8	4
25	Bis(formylpyrrolyl) cobalt complexes as mediators in the reversible-deactivation radical polymerization of styrene and methyl methacrylate. <i>New Journal of Chemistry</i> , 2018, 42, 5900-5913.	1.4	3
26	Variations in the molecularity of bis(formylpyrrolyl)cobalt(II) complexes. <i>Inorganica Chimica Acta</i> , 2018, 478, 118-124.	1.2	1
27	Cationic ϵ -Substituted ϵ -Indenyl Nickel(II) Complexes of Arsine and Stibine Ligands: Synthesis, Characterization, and Catalytic Behavior in the Oligomerization of Styrene. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 597-607.	1.0	6
28	New phenyl ϵ -nickel complexes of bulky 2-iminopyrrolyl chelates: synthesis, characterisation and application as aluminium-free catalysts for the production of hyperbranched polyethylene. <i>Dalton Transactions</i> , 2018, 47, 15857-15872.	1.6	19
29	Synthesis and Characterization of Isosorbide-Based Polyurethanes Exhibiting Low Cytotoxicity Towards HaCaT Human Skin Cells. <i>Polymers</i> , 2018, 10, 1170.	2.0	13
30	Cationic allylnickel(II) complexes bearing labile N,S-donor ligands: Synthesis, characterization and crystal structure. <i>Journal of Molecular Structure</i> , 2018, 1171, 827-833.	1.8	7
31	Synthesis, structure, solution behavior, reactivity and biological evaluation of oxidovanadium(IV) thiosemicarbazone complexes. <i>Dalton Transactions</i> , 2018, 47, 11358-11374.	1.6	39
32	Reactivity of Steroidal 1-Azadienes toward Carbonyl Compounds under Enamine Catalysis: Chiral Penta- and Hexacyclic Steroids. <i>Organic Letters</i> , 2018, 20, 4332-4336.	2.4	9
33	Conformational behaviour, photochemistry and flash vacuum pyrolysis of a 2-(1H-tetrazol-1-yl)thiophene. <i>New Journal of Chemistry</i> , 2017, 41, 15581-15589.	1.4	3
34	Violet-blue emitting 2-(N-alkylimino)pyrrolyl organoboranes: Synthesis, structure and luminescent properties. <i>Dyes and Pigments</i> , 2017, 140, 520-532.	2.0	17
35	Reactivity of cationic η^5 -diimine cyclopentadienyl nickel complexes towards AlEt ₂ Cl: synthesis, characterisation and ethylene polymerisation. <i>Catalysis Science and Technology</i> , 2017, 7, 3128-3142.	2.1	6
36	Cationic indenylnickel complexes bearing a 1,5-cyclooctadiene ligand: Synthesis and characterization. <i>Polyhedron</i> , 2016, 116, 162-169.	1.0	2

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37	Boron complexes of aromatic ring fused iminopyrrolyl ligands: synthesis, structure, and luminescence properties. Dalton Transactions, 2016, 45, 15603-15620.	1.6	36
38	Pericyclic Reactions of Azafulvenium Methides Bearing Internal Dipolarophiles – Synthesis of Chromene and Chromane Derivatives. European Journal of Organic Chemistry, 2015, 2015, 1341-1354.	1.2	7
39	Synthesis of chiral hexacyclic steroids via [8+2] cycloaddition of diazafulvenium methides. Organic and Biomolecular Chemistry, 2015, 13, 9127-9139.	1.5	15
40	Luminescent Di- and Trinuclear Boron Complexes Based on Aromatic Iminopyrrolyl Spacer Ligands: Synthesis, Characterization, and Application in OLEDs. Chemistry - A European Journal, 2015, 21, 9133-9149.	1.7	47
41	Exploring the influence of steric hindrance and electronic nature of substituents in the supramolecular arrangements of 5-(substituted phenyl)-2-formylpyrroles. CrystEngComm, 2015, 17, 6406-6419.	1.3	13
42	First examples of neutral and cationic indenyl nickel complexes bearing arsine or stibine ligands: highly active catalysts for the oligomerisation of styrene. Dalton Transactions, 2015, 44, 17015-17019.	1.6	5
43	Tunable Fluorophores Based on Arylimino)pyrrolyl Chelates of Diphenylboron: Synthesis, Structure, Photophysical Characterization, and Application in OLEDs. Chemistry - A European Journal, 2014, 20, 4126-4140.	1.7	36
44	Synthesis of chiral spiropyrazoline- β -lactams and spirocyclopropyl- β -lactams from 6-alkylidenepenicillanates. Tetrahedron, 2014, 70, 3812-3821.	1.0	19
45	Further iminopyrrolyl complexes of nickel, cobalt, iron and copper: Synthesis and structural characterisation. Journal of Organometallic Chemistry, 2014, 760, 167-176.	0.8	18
46	β -Diimine transition-metal complexes: Mechanochemistry – A new synthetic approach. Journal of Organometallic Chemistry, 2014, 760, 101-107.	0.8	35
47	Reactions of Nitrosoalkenes with Dipyromethanes and Pyrroles: Insight into the Mechanistic Pathway. Journal of Organic Chemistry, 2014, 79, 10456-10465.	1.7	26
48	Copper complexes of bis(aryl-imino)acenaphthene ligands: synthesis, structure, DFT studies and evaluation in reverse ATRP of styrene. Dalton Transactions, 2014, 43, 13041.	1.6	22
49	Preparation of polymer networks for hydrogen storage using the Ullmann synthetic protocol. Journal of Polymer Research, 2014, 21, 1.	1.2	2
50	Preparation and characterization of melamine-based porous Schiff base polymer networks for hydrogen storage. Journal of Polymer Research, 2014, 21, 1.	1.2	14
51	Synthesis and Characterization of a Cationic Cyclopentadienyl Nickel(II) Complex of Bis(mesityl-imino)acenaphthene and its Evaluation as a New Catalyst Precursor for Ethylene Polymerization. Journal of the Brazilian Chemical Society, 2014, , .	0.6	1
52	Reactivity of sarcosine and 1,3-thiazolidine-4-carboxylic acid towards salicylaldehyde-derived alkynes and allenes. Tetrahedron, 2013, 69, 10081-10090.	1.0	12
53	Cationic and Neutral (Ar-BIAN)Copper(I) Complexes Containing Phosphane and Arsane Ancillary Ligands: Synthesis, Molecular Structure and Catalytic Behaviour in Cycloaddition Reactions of Azides and Alkynes. European Journal of Inorganic Chemistry, 2013, 2013, 1404-1417.	1.0	30
54	Thiazolo[3,4-b]indazole-2,2-dioxides as Masked Extended Dipoles: Pericyclic Reactions of Benzodiazafulvenium Methides. Journal of Organic Chemistry, 2013, 78, 628-637.	1.7	20

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55	Cationic and Neutral (Ar-BIAN)Copper(I) Complexes Containing Phosphane and Arsane Ancillary Ligands: Synthesis, Molecular Structure and Catalytic Behaviour in Cycloaddition Reactions of Azides and Alkynes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1392-1392.	1.0	0
56	Syntheses and photophysical properties of new iminopyrrolyl boron complexes and their application in efficient single-layer non-doped OLEDs prepared by spin coating. <i>Dalton Transactions</i> , 2012, 41, 8502.	1.6	53
57	Nitrogen-bridged heterocycles via cycloaddition of non-classical heterocyclic-fused-[c]thiazoles. <i>Tetrahedron</i> , 2011, 67, 8392-8403.	1.0	7
58	Polymerization of styrene with tetradentate chelated $\hat{\pm}$ -diimine nickel(II) complexes/MAO catalyst systems: Catalytic behavior and microstructure of polystyrene. <i>European Polymer Journal</i> , 2011, 47, 1636-1645.	2.6	13
59	New tetradentate N,N,N,N-chelating $\hat{\pm}$ -diimine ligands and their corresponding zinc and nickel complexes: synthesis, characterisation and testing as olefin polymerisation catalysts. <i>Dalton Transactions</i> , 2011, 40, 3365.	1.6	44
60	Octahedral Co(III) complexes of 2-(phenylimino)pyrrolyl ligands: Synthesis and structural characterisation. <i>Inorganica Chimica Acta</i> , 2011, 367, 151-157.	1.2	18
61	Iminopyrrole derivatives containing electron-withdrawing substituents: the formation of dimers and supramolecular arrangements. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011, 67, o315-o318.	0.4	3
62	Indenyl nickel catalysts: the effect of structure on oligomerisation reactions. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2011, 67, C79-C80.	0.3	1
63	Sodium complexes containing 2-iminopyrrolyl ligands: the influence of steric hindrance in the formation of coordination polymers. <i>Dalton Transactions</i> , 2010, 39, 736-748.	1.6	42
64	<i>trans</i> -Chlorido(phenyl)bis(triphenylphosphine)nickel(II) and its 1:1 cocrystal with chloridobis(triphenylphosphine)nickel(I). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2009, 65, m110-m114.	0.4	5
65	Synthesis, Structure, and Photophysical Characterization of Blue-Green Luminescent Zinc Complexes Containing 2-Iminophenanthropyrrrolyl Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 11176-11186.	1.9	67
66	An unexpected one-pot synthesis of 7-isopropyl-3,3-dimethyl-10'H-spiro(indoline-2,9'-phenanthren)-10'-one. <i>Arkivoc</i> , 2009, 2009, 95-111.	0.3	3
67	5-Phenyl-3,4-dihydro-2H-pyrrole: the first example of a planar monosubstituted 1-pyrroline. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008, 64, o303-o305.	0.4	2
68	Synthesis and Characterization of 8-(2-((Trimethylsilyl)ethynyl)phenylamino)-7H-naphtho[1,8-bc]acridin-7-one. <i>Synthetic Communications</i> , 2008, 38, 4415-4425.	1.1	7
69	Generation and reactivity of 3-carbethoxy-5-phenyl-5H,7H-thiazolo[3,4-c]oxazol-4-ium-1-olate. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 493-497.	1.4	5
70	Generation and Reactivity of 3-Carbethoxy-5-phenyl-5H,7H-thiazolo[3,4-c]oxazol-4-ium-1-olate.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
71	2H-Azirines as Dipolarophiles.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
72	2H-Azirines as dipolarophiles. <i>Tetrahedron Letters</i> , 2003, 44, 6313-6315.	0.7	19

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73	Cycloaddition reactions of 3-aryl-5-phenyl-5H,7H-thiazolo[3,4-c]oxazol-4-ium-1-olates. Tetrahedron, 2002, 58, 5093-5102.	1.0	18
74	Nickel N-heterocyclic carbene complexes based on xanthenes: Synthesis and antifungal activity on <i>Candida</i> sp.. Applied Organometallic Chemistry, 0, , .	1.7	4