Clara S B Gomes

List of Publications by Year
in descending order

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74	1,023	430442	500791
papers	citations	18 h-index	28 g-index

87	87	87	1202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, Structure, and Photophysical Characterization of Blue-Green Luminescent Zinc Complexes Containing 2-Iminophenanthropyrrolyl Ligands. Inorganic Chemistry, 2009, 48, 11176-11186.	1.9	67
2	Syntheses and photophysical properties of new iminopyrrolyl boron complexes and their application in efficient single-layer non-doped OLEDs prepared by spin coating. Dalton Transactions, 2012, 41, 8502.	1.6	53
3	Luminescent Diâ€•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
4	New tetradentate N,N,N,N-chelating Î±-diimine ligands and their corresponding zinc and nickel complexes: synthesis, characterisation and testing as olefin polymerisation catalysts. Dalton Transactions, 2011, 40, 3365.	1.6	44
5	Sodium complexes containing 2-iminopyrrolyl ligands: the influence of steric hindrance in the formation of coordination polymers. Dalton Transactions, 2010, 39, 736-748.	1.6	42
6	Synthesis, structure, solution behavior, reactivity and biological evaluation of oxidovanadium(<scp>iv</scp>/<scp>v</scp>) thiosemicarbazone complexes. Dalton Transactions, 2018, 47, 11358-11374.	1.6	39
7	Tunable Fluorophores Based on 2â€(Nâ€Arylimino)pyrrolyl Chelates of Diphenylboron: Synthesis, Structure, Photophysical Characterization, and Application in OLEDs. Chemistry - A European Journal, 2014, 20, 4126-4140.	1.7	36
8	Boron complexes of aromatic ring fused iminopyrrolyl ligands: synthesis, structure, and luminescence properties. Dalton Transactions, 2016, 45, 15603-15620.	1.6	36
9	Î±-Diimine transition-metal complexes: MechanochemistryÂâ˜ A new synthetic approach. Journal of Organometallic Chemistry, 2014, 760, 101-107.	0.8	35
10	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
11	Antimicrobial and antitumor activity of S-methyl dithiocarbazate Schiff base zinc(II) complexes. Journal of Inorganic Biochemistry, 2021, 216, 111331.	1.5	30
12	Reactions of Nitrosoalkenes with Dipyrromethanes and Pyrroles: Insight into the Mechanistic Pathway. Journal of Organic Chemistry, 2014, 79, 10456-10465.	1.7	26
13	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. Organometallics, 2019, 38, 614-625.	1.1	25
14	Copper(<scp>ii</scp>) 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
15	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
16	2H-Azirines as dipolarophiles. Tetrahedron Letters, 2003, 44, 6313-6315.	0.7	19
17	Synthesis of chiral spiropyrazoline-Î²-lactams and spirocyclopropyl-Î²-lactams from 6-alkylidenepenicillanates. Tetrahedron, 2014, 70, 3812-3821.	1.0	19
18	New phenylâ€“nickel complexes of bulky 2-iminopyrrolyl chelates: synthesis, characterisation and application as aluminium-free catalysts for the production of hyperbranched polyethylene. Dalton Transactions, 2018, 47, 15857-15872.	1.6	19

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19	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
20	Octahedral Co(III) complexes of 2-(phenylimino)pyrrolyl ligands: Synthesis and structural characterisation. Inorganica Chimica Acta, 2011, 367, 151-157.	1.2	18
21	Further iminopyrrolyl complexes of nickel, cobalt, iron and copper: Synthesis and structural characterisation. Journal of Organometallic Chemistry, 2014, 760, 167-176.	0.8	18
22	Boron complexes of aromatic 5-substituted iminopyrrolyl ligands: synthesis, structure, and luminescence properties. Dalton Transactions, 2019, 48, 13337-13352.	1.6	18
23	Violet-blue emitting 2-(N-alkylimino)pyrrolyl organoboranes: Synthesis, structure and luminescent properties. Dyes and Pigments, 2017, 140, 520-532.	2.0	17
24	Tetrahydropyrazolo[1,5-a]pyridine-fused steroids and their inÂvitro biological evaluation in prostate cancer. European Journal of Medicinal Chemistry, 2019, 178, 168-176.	2.6	16
25	Synthesis of chiral hexacyclic steroids via [8Ï€ + 2Ï€] cycloaddition of diazafulvenium methides. Organic and Biomolecular Chemistry, 2015, 13, 9127-9139.	1.5	15
26	Phosphane-Catalyzed [3+2] Annulation of Allenoates with 3-Nitro-2H -chromenes: Synthesis of Tetrahydrocyclopenta[c]chromenes. European Journal of Organic Chemistry, 2019, 2019, 5441-5451.	1.2	15
27	Preparation and characterization of melamine-based porous Schiff base polymer networks for hydrogen storage. Journal of Polymer Research, 2014, 21, 1.	1.2	14
28	Polymerization of styrene with tetradentate chelated Î±-diimine nickel(II) complexes/MAO catalyst systems: Catalytic behavior and microstructure of polystyrene. European Polymer Journal, 2011, 47, 1636-1645.	2.6	13
29	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
30	Synthesis and Characterization of Isosorbide-Based Polyurethanes Exhibiting Low Cytotoxicity Towards HaCaT Human Skin Cells. Polymers, 2018, 10, 1170.	2.0	13
31	Naphthoylhydrazones: coordination to metal ions and biological screening. New Journal of Chemistry, 2019, 43, 17801-17818.	1.4	13
32	New luminescent tetracoordinate boron complexes: an in-depth experimental and theoretical characterisation and their application in OLEDs. Inorganic Chemistry Frontiers, 2021, 8, 3960-3983.	3.0	13
33	Reactivity of sarcosine and 1,3-thiazolidine-4-carboxylic acid towards salicylaldehyde-derived alkynes and allenes. Tetrahedron, 2013, 69, 10081-10090.	1.0	12
34	Click-Derived Triazoles and Triazolylidenes of Manganese for Electrocatalytic Reduction of CO2. Molecules, 2021, 26, 6325.	1.7	12
35	Luminescent halogen-substituted 2-(N-arylimino)pyrrolyl boron complexes: the internal heavy-atom effect. Dalton Transactions, 2020, 49, 10185-10202.	1.6	11
36	Manganese complexes with chelating and bridging di-triazolylidene ligands: synthesis and reactivity. Dalton Transactions, 2021, 50, 5911-5920.	1.6	10

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37	Reactivity of Steroidal 1-Azadienes toward Carbonyl Compounds under Enamine Catalysis: Chiral Penta- and Hexacyclic Steroids. Organic Letters, 2018, 20, 4332-4336.	2.4	9
38	Synthesis and Characterization of 8-(2-((Trimethylsilyl)ethynyl)phenylamino)-7H-naphtho[1,8-bc]acridin-7-one. Synthetic Communications, 2008, 38, 4415-4425.	1.1	7
39	Nitrogen-bridged heterocycles via cycloaddition of non-classical heterocyclic-fused-[c]thiazoles. Tetrahedron, 2011, 67, 8392-8403.	1.0	7
40	Pericyclic Reactions of Azafulvenium Methides Bearing Internal Dipolarophiles â€“ Synthesis of Chromene and Chromane Derivatives. European Journal of Organic Chemistry, 2015, 2015, 1341-1354.	1.2	7
41	Cationic allylnickel(II) complexes bearing labile N,S-donor ligands: Synthesis, characterization and crystal structure. Journal of Molecular Structure, 2018, 1171, 827-833.	1.8	7
42	Triazole-Based Half-Sandwich Ruthenium(II) Compounds: From In Vitro Antiproliferative Potential to In Vivo Toxicity Evaluation. Inorganic Chemistry, 2021, 60, 8011-8026.	1.9	7
43	Mechanochemistry in Portugalâ€”A Step towards Sustainable Chemical Synthesis. Molecules, 2022, 27, 241.	1.7	7
44	Reactivity of cationic Î±-diimine cyclopentadienyl nickel complexes towards AlEt2Cl: synthesis, characterisation and ethylene polymerisation. Catalysis Science and Technology, 2017, 7, 3128-3142.	2.1	6
45	Cationic Râ€Substitutedâ€Indenyl Nickel(II) Complexes of Arsine and Stibine Ligands: Synthesis, Characterization, and Catalytic Behavior in the Oligomerization of Styrene. European Journal of Inorganic Chemistry, 2018, 2018, 597-607.	1.0	6
46	Hypervalent Iodine(III) Reagents with Transferable Primary Amines: Structure and Reactivity on the Electrophilic Î±-Amination of Stabilized Enolates. Organic Letters, 2022, 24, 776-781.	2.4	6
47	Manganese-Catalyzed Synthesis of Imines from Primary Alcohols and (Hetero)Aromatic Amines. Synlett, 2022, 33, 1290-1294.	1.0	6
48	Generation and reactivity of 3â€carbethoxyâ€5â€phenylâ€5H,7Hâ€thiazolo[3,4â€c]oxazolâ€4â€ium‐1â€olate. Journal of Heterocyclic Chemistry, 2004, 41, 493-497.	1.4	5
49	trans-Chlorido(phenyl)bis(triphenylphosphine)nickel(II) and its 1:1 cocrystal with chloridobis(triphenylphosphine)nickel(I). Acta Crystallographica Section C: Crystal Structure Communications, 2009, 65, m110-m114.	0.4	5
50	First examples of neutral and cationic indenyl nickel(<scp>ii</scp>) complexes bearing arsine or stibine ligands: highly active catalysts for the oligomerisation of styrene. Dalton Transactions, 2015, 44, 17015-17019.	1.6	5
51	Synthesis of 5H-chromeno[3,4-b]pyridines via DABCO-catalyzed [3 + 3] annulation of 3-nitro-2H-chromenes and allenoates. Organic and Biomolecular Chemistry, 2021, 19, 9711-9722.	1.5	5
52	Neutral nickel(II) complex bearing hemilabile N,S-donor ligands â€“ structural, Hirshfeld surfaces and DFT studies. Molecular Crystals and Liquid Crystals, 2020, 709, 98-110.	0.4	5
53	Cu(II) complexes derived from N-carboxymethyl and N-carboxyethyl amino acids as catalysts for asymmetric oxidative coupling of 2-naphthol. Molecular Catalysis, 2019, 475, 110480.	1.0	4
54	Cationic allyl nickel complexes containing N,O-donor labile ligands: Synthesis and molecular characterisation. Journal of Molecular Structure, 2019, 1182, 260-265.	1.8	4

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55	Synthesis of Platinum(II) N-Heterocyclic Carbenes Based on Adenosine. Molecules, 2021, 26, 5384.	1.7	4
56	Manganese(I) tricarbonyl complexes as potential anticancer agents. Journal of Biological Inorganic Chemistry, 2022, 27, 49-64.	1.1	4
57	Nickel Nâ€heterocyclic carbene complexes based on xanthines: Synthesis and antifungal activity on Candida sp.. Applied Organometallic Chemistry, 0, , .	1.7	4
58	Iminopyrrole derivatives containing electron-withdrawing substituents: the formation of dimers and supramolecular arrangements. Acta Crystallographica Section C: Crystal Structure Communications, 2011, 67, o315-o318.	0.4	3
59	Conformational behaviour, photochemistry and flash vacuum pyrolysis of a 2-(1H-tetrazol-1-yl)thiophene. New Journal of Chemistry, 2017, 41, 15581-15589.	1.4	3
60	Bis(formylpyrrolyl) cobalt complexes as mediators in the reversible-deactivation radical polymerization of styrene and methyl methacrylate. New Journal of Chemistry, 2018, 42, 5900-5913.	1.4	3
61	A model compound for pyridinechalcone-based multistate systems. Ring opening-closure as the slowest kinetic step of the multistate. New Journal of Chemistry, 2019, 43, 18229-18239.	1.4	3
62	An unexpected one-pot synthesis of 7-isopropyl-3,3-dimethyl-10'H-spiro(indoline-2,9'-phenanthren)-10'-one. Arkivoc, 2009, 2009, 95-111.	0.3	3
63	Insights into the anticancer activity of chiral alkylidene-Î²-lactams and alkylidene-Î³-lactams: Synthesis and biological investigation. Bioorganic and Medicinal Chemistry, 2022, 63, 116738.	1.4	3
64	5-Phenyl-3,4-dihydro-2H-pyrrole: the first example of a planar monosubstituted 1-pyrroline. Acta Crystallographica Section C: Crystal Structure Communications, 2008, 64, o303-o305.	0.4	2
65	Preparation of polymer networks for hydrogen storage using the Ullmann synthetic protocol. Journal of Polymer Research, 2014, 21, 1.	1.2	2
66	Cationic indenylnickel complexes bearing a 1,5-cyclooctadiene ligand: Synthesis and characterization. Polyhedron, 2016, 116, 162-169.	1.0	2
67	-Phenylalanine derived tripodal vanadium complexes as catalysts for the asymmetric reductive coupling of benzaldehyde. Inorganica Chimica Acta, 2020, 510, 119727.	1.2	2
68	Variations in the molecularity of bis(formylpyrrolyl)cobalt(II) complexes. Inorganica Chimica Acta, 2018, 478, 118-124.	1.2	1
69	Synthesis and structural studies of hexafluorophosphate-based organic salts: A combined experimental and computational analysis. Journal of Molecular Structure, 2020, 1202, 127337.	1.8	1
70	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
71	Indenyl nickel catalysts: the effect of structure on oligomerisation reactions. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C79-C80.	0.3	1
72	2H-Azirines as Dipolarophiles.. ChemInform, 2003, 34, no.	0.1	0

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73	Generation and Reactivity of 3-Carbethoxy-5-phenyl-5H,7H-thiazolo[3,4-c]oxazol-4-ium-1-olate.. ChemInform, 2004, 35, no.	0.1	0
74	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, 1392-1392.	1.0	0