

Maria Teresa Duarte

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#	Paper	IF	Citations
227	N,N'-ethylenebis(pyridoxylideneiminato) and N,N'-ethylenebis(pyridoxylaminato): synthesis, characterization, potentiometric, spectroscopic, and DFT studies of their vanadium(IV) and vanadium(V) complexes. <i>Chemistry - A European Journal</i> , 2004 , 10, 2301-17	4.8	120
226	Tuning the reactivity of dirhodium(II) complexes with axial N-heterocyclic carbene ligands: the arylation of aldehydes. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5750-3	16.4	101
225	Gold complexes with dithiothiophene ligands: a metal based on a neutral molecule. <i>Chemistry - A European Journal</i> , 2001 , 7, 511-9	4.8	101
224	Mechanosynthesis of the metallodrug bismuth subsalicylate from Bi ₂ O ₃ and structure of bismuth salicylate without auxiliary organic ligands. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7858-61	16.4	97
223	Vanadium(IV and V) Complexes of Schiff Bases and Reduced Schiff Bases Derived from the Reaction of Aromatic o-Hydroxyaldehydes and Diamines: Synthesis, Characterisation and Solution Studies. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 732-744	2.3	95
222	Condensed phase behaviour of ionic liquid-benzene mixtures: congruent melting of a [emim][NTf ₂].C ₆ H ₆ inclusion crystal. <i>Chemical Communications</i> , 2006 , 2445-7	5.8	93
221	Axial coordination of NHC ligands on dirhodium(II) complexes: generation of a new family of catalysts. <i>Journal of Organic Chemistry</i> , 2008 , 73, 4076-86	4.2	85
220	Preparation and characterisation of new oxovanadium(IV) Schiff base complexes derived from amino acids and aromatic o-hydroxyaldehydes. <i>Inorganica Chimica Acta</i> , 1999 , 293, 1-11	2.7	82
219	Mononuclear and Binuclear Cyclopentadienyl Oxo Molybdenum and Tungsten Complexes: Syntheses and Applications in Olefin Epoxidation Catalysis. <i>Organometallics</i> , 2005 , 24, 2582-2589	3.8	79
218	Addendum: da Silva, J.L.F.; et al. The Lisbon Supramolecular Green Story: Mechanochemistry towards New Forms of Pharmaceuticals. <i>Molecules</i> 2020 , 25, 2705. <i>Molecules</i> , 2021 , 26, 419	4.8	78
217	Water as the reaction medium for multicomponent reactions based on boronic acids. <i>Tetrahedron</i> , 2010 , 66, 2736-2745	2.4	76
216	Electrochemical and X-ray studies of nickel(II) Schiff base complexes derived from salicylaldehyde: Structural effects of bridge substituents on the stabilisation of the +3 oxidation state. <i>Polyhedron</i> , 2000 , 19, 655-664	2.7	74
215	Synthesis and characterization of tetrahedral and square planar Bis(iminopyrrolyl) complexes of cobalt(II). <i>Inorganic Chemistry</i> , 2007 , 46, 6880-90	5.1	73
214	Crystal and molecular structure of [V ₂ O ₃ (sal-L-val) ₂ (H ₂ O)](sal-L-val = N-salicylidene-L-valinate) and spectroscopic properties of related complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 1989		73
213	Electrochemical and structural studies of nickel(II) complexes with N ₂ O ₂ Schiff base ligands 2. Crystal and molecular structure of N,N'-1,2-ethane-1,2-diyl-bis(2-hydroxyacetophenonylideneiminato)nickel(II), N, N'-1,2-cis	2.7	73
212	Vanadium diaminebis(phenolate) complexes: syntheses, structures, and reactivity in sulfoxidation catalysis. <i>Inorganic Chemistry</i> , 2010 , 49, 7452-63	5.1	72
211	Molecular modelling studies of N-salicylideneamino acidato complexes of oxovanadium(IV). Molecular and crystal structure of a new dinuclear LOVIVO ₂ VOL mixed valence complex. <i>Dalton Transactions RSC</i> , 2002 , 4407		67

210	Synthesis, structure, and photophysical characterization of blue-green luminescent zinc complexes containing 2-iminophenanthrolyl ligands. <i>Inorganic Chemistry</i> , 2009 , 48, 11176-86	5.1	65
209	New forms of old drugs: improving without changing. <i>Journal of Pharmacy and Pharmacology</i> , 2015 , 67, 830-46	4.8	58
208	Tailoring aqueous solubility of a highly soluble compound via cocrystallization: effect of cofomer ionization, pH _{max} and solute-solvent interactions. <i>CrystEngComm</i> , 2012 , 14, 4801	3.3	58
207	Decavanadates: a building-block for supramolecular assemblies. <i>Inorganica Chimica Acta</i> , 2003 , 356, 222-242	2.4	57
206	N-salicylideneamino acidate complexes of oxovanadium(IV). Part 1. Crystal and molecular structures and spectroscopic properties. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 149		56
205	Synthesis and Nonlinear Optical Properties of π -Monocyclopentadienyliron(II) Acetylide Derivatives. X-ray Crystal Structures of [Fe(π -C ₅ H ₅)(DPPE)(<i>p</i> -C ₆ H ₄ NO ₂)] and [Fe(π -C ₅ H ₅)(DPPE)((<i>E</i>)- <i>p</i> -C ₆ H ₄ C(H)C(H)C ₆ H ₄ NO ₂)]. <i>Organometallics</i> , 2002 , 21, 2107-2118	3.8	54
204	Drug-containing coordination and hydrogen bonding networks obtained mechanochemically. <i>CrystEngComm</i> , 2009 , 11, 2618	3.3	53
203	Synthesis and Characterization of New Organometallic Benzo[b]thiophene Derivatives with Potential Antitumor Properties. <i>Organometallics</i> , 2009 , 28, 5412-5423	3.8	53
202	Oxovanadium(IV) complexes with aromatic aldehydes. <i>Journal of Inorganic Biochemistry</i> , 2000 , 80, 35-9	4.2	53
201	Crystal Forms of the Antibiotic 4-Aminosalicylic Acid: Solvates and Molecular Salts with Dioxane, Morpholine, and Piperazine. <i>Crystal Growth and Design</i> , 2009 , 9, 5108-5116	3.5	52
200	Low-dimensional molecular metals bis(maleonitriledithiolato)bis(perylene)metal, metal = iron and cobalt. <i>Inorganic Chemistry</i> , 1992 , 31, 2598-2604	5.1	51
199	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, 8502-5	4.3	50
198	Synthesis and structural characterisation of (aryl-BIAN)copper(I) complexes and their application as catalysts for the cycloaddition of azides and alkynes. <i>Dalton Transactions</i> , 2012 , 41, 5144-54	4.3	49
197	Highly active new diimine nickel catalyst for the polymerization of β -olefins. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 1314-1323	2.3	48
196	Titanium ketimide complexes as β -olefin homo- and copolymerisation catalysts. X-ray diffraction structures of [TiCp η (N η CtBu ₂)Cl ₂] (Cp η =Ind, Cp*). <i>Journal of Organometallic Chemistry</i> , 2004 , 689, 203-213	2.3	42
195	On the Track of New Multicomponent Gabapentin Crystal Forms: Synthron Competition and pH Stability. <i>Crystal Growth and Design</i> , 2011 , 11, 2325-2334	3.5	41
194	Polymorphic gabapentin: thermal behaviour, reactivity and interconversion of forms in solution and solid-state. <i>New Journal of Chemistry</i> , 2008 , 32, 1788	3.6	41
193	Luminescent Di- and Trinuclear Boron Complexes Based on Aromatic Iminopyrrolyl Spacer Ligands: Synthesis, Characterization, and Application in OLEDs. <i>Chemistry - A European Journal</i> , 2015 , 21, 9133-49	4.8	40

192	New tetradentate N,N,N,N-chelating diimine ligands and their corresponding zinc and nickel complexes: synthesis, characterisation and testing as olefin polymerisation catalysts. <i>Dalton Transactions</i> , 2011 , 40, 3365-80	4.3	40
191	Sodium complexes containing 2-iminopyrrolyl ligands: the influence of steric hindrance in the formation of coordination polymers. <i>Dalton Transactions</i> , 2010 , 39, 736-48	4.3	40
190	Diamine Bis(phenolate) M(III) (Y, Ti) Complexes: Synthesis, Structures, and Reactivity. <i>Organometallics</i> , 2009 , 28, 3449-3458	3.8	40
189	Zn(II) sulfide selective precipitation: The role of supersaturation. <i>Separation and Purification Technology</i> , 2010 , 74, 108-118	8.3	39
188	Synthesis, Structure, and Solution Dynamics of Neutral Allylnickel Complexes of N-Heterocyclic Carbenes. <i>Organometallics</i> , 2006 , 25, 4391-4403	3.8	39
187	Topological Diversity of Supramolecular Networks Constructed from Copper(II) Aminoalcohol Blocks and 2,6-Naphthalenedicarboxylate Linkers: Self-Assembly Synthesis, Structural Features, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2014 , 14, 3398-3407	3.5	38
186	Insertion of Isocyanides into Group 4 Metal-Carbon and Metal-Nitrogen Bonds. Syntheses and DFT Calculations. <i>Organometallics</i> , 2003 , 22, 4218-4228	3.8	35
185	Synthesis, structure and properties of [Hpy] ₂ {M(mnt) ₂ } ₂ (M = Co or Fe, Hpy = pyridinium, mnt = maleonitriledithiolate). <i>Journal of the Chemical Society Dalton Transactions</i> , 1994 , 2655		34
184	Tunable fluorophores based on 2-(N-arylimino)pyrrolyl chelates of diphenylboron: synthesis, structure, photophysical characterization, and application in OLEDs. <i>Chemistry - A European Journal</i> , 2014 , 20, 4126-40	4.8	33
183	Synthesis and structural studies of amido, hydrazido and imido zirconium(IV) complexes incorporating a diamido/diamine cyclam-based ligand. <i>Dalton Transactions</i> , 2009 , 7494-508	4.3	33
182	Titanium and zirconium ketimide complexes: synthesis and ethylene polymerisation catalysis. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 874-884	2.3	33
181	Mechanochemistry [A green synthetic methodology leading to metallodrugs, metallopharmaceuticals and bio-inspired metal-organic frameworks. <i>Inorganica Chimica Acta</i> , 2017 , 455, 309-318	2.7	32
180	Dicarboxylate recognition properties of a dinuclear copper(II) cryptate. <i>Inorganic Chemistry</i> , 2015 , 54, 229-40	5.1	30
179	Ionic Hydrogenation of Ketones with Molybdenum Pentabenzylcyclopentadienyl Hydride Catalysts [<i>Organometallics</i> , 2008 , 27, 4589-4599	3.8	30
178	N-salicylideneamino-acidate complexes of oxovanadium(IV) [I]. Synthesis, characterization and deamination of an n-salicylidene-glycylglycinato complex. <i>Polyhedron</i> , 1995 , 14, 429-439	2.7	30
177	Molecular structure of [VO(sal-D,L-Asn)(py)(H ₂ O)] and reaction to produce coumarin-3-carboxamide. <i>Chemical Communications</i> , 1996 , 1365	5.8	30
176	Selective arylation of aldehydes with di-rhodium(II)/NHC catalysts. <i>Tetrahedron</i> , 2010 , 66, 8494-8502	2.4	29
175	Preparation of [VO(sal-L-Trp)(H ₂ O)] (sal-L-Trp = N-salicylidene-L-tryptophanate) and characterisation of an unusual product obtained from its solutions in water [Pyridine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 4015-4020		29

- 174 Iminoacylation. *Inorganica Chimica Acta*, **2000**, 300-302, 499-504 2.7 29
- 173 Packing Interactions and Physicochemical Properties of Novel Multicomponent Crystal Forms of the Anti-Inflammatory Azelaic Acid Studied by X-ray and Solid-State NMR. *Crystal Growth and Design*, **2016**, 16, 154-166 3.5 28
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- 165 New ruthenium(II) mixed metallocene derived complexes: Synthesis, characterization by X-ray diffraction and evaluation on DNA interaction by atomic force microscopy. *Inorganica Chimica Acta*, **2010**, 363, 3765-3775 2.7 25
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- 161 X-Ray diffraction and molecular mechanics studies of 12-, 13-, and 14-membered tetraaza macrocycles containing pyridine: effect of the macrocyclic cavity size on the selectivity of the metal ion. *Dalton Transactions RSC*, **2001**, 1462-1471 24
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- 158 Characterization of two DLC coatings for joint prosthesis: The role of albumin on the tribological behavior. *Surface and Coatings Technology*, **2010**, 204, 3451-3458 4.4 23
- 157 Synthesis and structural characterization of 1- and 2-substituted indazoles: ester and carboxylic acid derivatives. *Molecules*, **2006**, 11, 867-89 4.8 23

- 156 High first hyperpolarizability and perfectly aligned crystal packing for an organometallic compound [Fe(β -C₅H₅)(R)P₃OPHOS)(p-NCC₆H₄NO₂)] [PF₆] [CH₂Cl₂]. *Chemical Physics Letters*, **2003**, 367, 390-397 2.5 23
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- 140 New Multicomponent Sulfadimethoxine Crystal Forms: Sulfonamides as Participants in Supramolecular Interactions. *Crystal Growth and Design*, **2016**, 16, 1879-1892 3.5 19
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- 138 Perylene salts with tetrahalogenoferrate(III) anions. Synthesis, crystal structure of [(C₂₀H₁₂)₃][FeCl₄] and characterisation. *Journal of the Chemical Society Dalton Transactions*, **1995**, 3543-3549 19
- 137 Formation of vinyl and dithioformate metallacycles by insertion of an ester-functionalized alkyne or carbon disulfide into an FeH bond: crystal structure of cis-[Fe(CHCHCOOMe)(Ph₂PCH₂CH₂PPh₂)₂][BF₄]. *Journal of Organometallic Chemistry*, **1996**, 524, 63-66 2.3 19
- 136 Polymorphic Ammonium Salts of the Antibiotic 4-Aminosalicylic Acid. *Crystal Growth and Design*, **2012**, 12, 3082-3090 3.5 18
- 135 Octahedral Co(III) complexes of 2-(phenylimino)pyrrolyl ligands: Synthesis and structural characterisation. *Inorganica Chimica Acta*, **2011**, 367, 151-157 2.7 18
- 134 Alkylation, Cation Formation, and Insertion Reactions in Titanium Tris(ketimide) Complexes. *Organometallics*, **2007**, 26, 119-127 3.8 18
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