Ana M Martins

List of Publications by Year
in descending order

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80 papers	1,824 citations	318942 23 h-index	340414 39 g-index
82 all docs	82 docs citations	82 times ranked	2043 citing authors

#	Article	IF	Citations
1	Synthesis and characterization of Ti(IV), Zr(IV) and Al(III) salen-based complexes. European Journal of Chemistry, 2021, 12, 216-221.	0.3	0
2	Synthesis and structural characterization of N,N',N'',N'''-tetrasubstituted cyclams. Chemistry of Heterocyclic Compounds, 2021, 57, 871-874.	0.6	0
3	Synthesis and Characterization of New Cyclam-Based Zr(IV) Alkoxido Derivatives. Reactions, 2021, 2, 323-332.	0.9	1
4	Synthesis of Imines via Reactions of Benzyl Alcohol with Amines Using Halfâ€Sandwich (Î·⁶â€pâ€cymene) Ruthenium(II) Complexes Stabilised by 2â€aminofluorene Derivatives. Applied Organometallic Chemistry, 2019, 33, e5200.	1.7	5
5	New Cyclams and Their Copper(II) and Iron(III) Complexes: Synthesis and Potential Application as Anticancer Agents. ChemMedChem, 2019, 14, 770-778.	1.6	11
6	Synthesis and reactivity of cyclam-based Zr(IV) complexes. Inorganica Chimica Acta, 2019, 490, 204-214.	1.2	3
7	Investigations into the Structure/Antibacterial Activity Relationships of Cyclam and Cyclen Derivatives. Antibiotics, 2019, 8, 224.	1.5	9
8	Cooperative Metalâ€“Ligand Hydroamination Catalysis Supported by Câ€“H Activation in Cyclam Zr(IV) Complexes. Inorganic Chemistry, 2018, 57, 13034-13045.	1.9	12
9	New salan and salen vanadium complexes: Syntheses and application in sulfoxidation catalysis. Journal of Organometallic Chemistry, 2018, 870, 136-144.	0.8	14
10	Carbon-based SILP catalysis for the selective hydrogenation of aldehydes using a well-defined Fe(<scp>ii</scp>) PNP complex. Catalysis Science and Technology, 2018, 8, 4812-4820.	2.1	12
11	Stable, Yet Highly Reactive Nonclassical Iron(II) Polyhydride Pincer Complexes: Z-Selective Dimerization and Hydroboration of Terminal Alkynes. Journal of the American Chemical Society, 2017, 139, 8130-8133.	6.6	165
12	Synthesis, antimicrobial activity and toxicity to nematodes of cyclam derivatives. International Journal of Antimicrobial Agents, 2017, 49, 646-649.	1.1	12
13	Radical reactions of diamine bis(phenolate) vanadium(<scp>iii</scp>) complexes. Solid state binding of O₂ to form a vanadium(<scp>v</scp>) peroxo complex. Dalton Transactions, 2017, 46, 9692-9704.	1.6	6
14	Supramolecular structures of V(III) complexes supported by PNP pincer ligands. Journal of Molecular Structure, 2017, 1149, 229-234.	1.8	3
15	Chelating bis-N-heterocyclic carbene complexes of iron(<scp>ii</scp>) containing bipyridyl ligands as catalyst precursors for oxidation of alcohols. Dalton Transactions, 2016, 45, 13541-13546.	1.6	22
16	Pinacol coupling of benzaldehydes mediated by titanium complexes displaying amine bis(phenolate) ligands. Journal of Molecular Catalysis A, 2016, 412, 107-116.	4.8	10
17	Structural features of neutral and cationic cyclams. Journal of Molecular Structure, 2015, 1098, 277-288.	1.8	10
18	A double salt with remarkable supramolecular channels: Synthesis and crystal structure of bis[1,3-dimesitylimidazolium]tetrachloronickelate(II)â€“[1,3-dimesitylimidazolium]chloride, which contains substituted imidazolium cations, and both tetrachloronickelate(II) and chloride anions. Polyhedron, 2015, 87, 398-402.	1.0	3

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19	P,O-Phosphinophenolate zinc(<scp>ii</scp>) species: synthesis, structure and use in the ring-opening polymerization (ROP) of lactide, Îµ-caprolactone and trimethylene carbonate. Dalton Transactions, 2015, 44, 12376-12387.	1.6	56
20	Reactions of heteroallenes with cyclam-based Zr(<scp>iv</scp>) complexes. Dalton Transactions, 2015, 44, 1441-1455.	1.6	12
21	New zirconium complexes supported by N-heterocyclic carbene (NHC) ligands: Synthesis and assessment of hydroamination catalytic properties. Journal of Organometallic Chemistry, 2014, 760, 60-66.	0.8	21
22	Synthesis, cytotoxic and hydrolytic studies of titanium complexes anchored by a tripodal diamine bis(phenolate) ligand. Dalton Transactions, 2014, 43, 17422-17433.	1.6	21
23	Syntheses and solid state structures of cyclam-based copper and zinc compounds. Journal of Organometallic Chemistry, 2014, 760, 130-137.	0.8	12
24	Rare earth metal complexes anchored on a new dianionic bis(phenolate)dimethylamineCyclam ligand. Journal of Organometallic Chemistry, 2013, 728, 57-67.	0.8	14
25	Diamine bis(phenolate) samarium complexes: Synthesis and structures. Inorganica Chimica Acta, 2013, 407, 175-180.	1.2	4
26	Palladiumâ€Catalyzed Allylic Substitution at Fourâ€Memberedâ€Ring Systems: Formation of Î·¹â€Allyl Complexes and Electrocyclic Ring Opening. Angewandte Chemie - International Edition, 2013, 52, 6313-6316.	7.2	30
27	Toward the Understanding of Radical Reactions: Experimental and Computational Studies of Titanium(III) Diamine Bis(phenolate) Complexes. Inorganic Chemistry, 2013, 52, 9427-9439.	1.9	20
28	Dinuclear Cationic Zirconium Hydrides Stabilized by the N,N-Dibenzylcyclam Ancillary Ligand. Organometallics, 2012, 31, 4937-4940.	1.1	14
29	Synthesis and structural characterization of novel cyclam-based zirconium complexes and their use in the controlled ROP of rac-lactide: access to cyclam-functionalized polylactide materials. Dalton Transactions, 2012, 41, 14288.	1.6	26
30	Cyclam Functionalization through Isocyanate Insertion in Zrâ€“N Bonds. Inorganic Chemistry, 2012, 51, 10-12.	1.9	13
31	Magnesium Cyclam complexes with a Mg2(Bn2Cyclam) core: Structural characterization of Mg2(Bn2Cyclam)I2 and Mg2(Bn2Cyclam){Î¼-H}{Î¼-F-C6F4}2BC6F5. Journal of Molecular Structure, 2012, 1026, 168-173.	1.8	9
32	Amino Alcohol-Derived Reduced Schiff Base V^{IV}O and V^V Compounds as Catalysts for Asymmetric Sulfoxidation of Thioanisole with Hydrogen Peroxide. Inorganic Chemistry, 2012, 51, 11430-11449.	1.9	54
33	Hydride Abstraction from [MCpBz(CO)3H] (M = Mo, W; CpBz= C5(CH2Ph)5): New Cationic Complexes Stabilized by Î·5:Î·2-C5H4:C6H5Bonding of the Pentabenzylcyclopentadienyl Ligand. Organometallics, 2012, 31, 4387-4396.	1.1	3
34	Epoxidation of cis-cyclooctene using diamine bis(phenolate) vanadium, molybdenum and tungsten complexes as catalysts. Inorganica Chimica Acta, 2012, 383, 152-156.	1.2	54
35	Chiral Diamine Bis(phenolate) Ti^{IV} and Zr^{IV} Complexes â€“ Synthesis, Structures and Reactivity. European Journal of Inorganic Chemistry, 2011, 2011, 4277-4290.	1.0	20
36	Intramolecular hydroamination catalysis using trans-N,Nâ€²-dibenzylcyclam zirconium complexes. Journal of Organometallic Chemistry, 2011, 696, 2-6.	0.8	26

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37	Pentabenzylcyclopentadienyl molybdenum and tungsten hydrides: Syntheses, structures and electrochemistry of [MHCpBz(CO)2(L)] (L=CO, PMe3, PPh3). Journal of Organometallic Chemistry, 2010, 695, 1328-1336.	0.8	11
38	Reactivity of a new family of diamido-diamine cyclam-based zirconium complexes in ethylene polymerization. Inorganica Chimica Acta, 2010, 363, 1823-1830.	1.2	21
39	Three-Component Mannich Couplings En Route to Substituted Aminophenol and Benzoxazine Derivatives. Synlett, 2010, 2010, 2425-2428.	1.0	1
40	Structure and Reactivity of Neutral and Cationic trans-N,Nâ€²-Dibenzylcyclam Zirconium Alkyl Complexes. Organometallics, 2010, 29, 3753-3764.	1.1	30
41	Vanadium Diaminebis(phenolate) Complexes: Syntheses, Structures, and Reactivity in Sulfoxidation Catalysis. Inorganic Chemistry, 2010, 49, 7452-7463.	1.9	82
42	Diamine Bis(phenolate) M(III) (Y, Ti) Complexes: Synthesis, Structures, and Reactivity. Organometallics, 2009, 28, 3449-3458.	1.1	44
43	Synthesis and structural studies of amido, hydrazido and imido zirconium(iv) complexes incorporating a diamido/diamine cyclam-based ligand. Dalton Transactions, 2009, , 7494.	1.6	34
44	trans-Disubstituted diamido/diamine cyclam zirconium complexes. Inorganic Chemistry Communication, 2008, 11, 1174-1176.	1.8	26
45	Synthesis and characterization of titanium ketimide complexes Ti(NCtBu2)nCl4â^'n (n=1, 2): Ethylene polymerization studies. Catalysis Today, 2008, 133-135, 647-653.	2.2	3
46	Ionic Hydrogenation of Ketones with Molybdenum Pentabenzylcyclopentadienyl Hydride Catalysts. Organometallics, 2008, 27, 4589-4599.	1.1	33
47	Alkylation, Cation Formation, and Insertion Reactions in Titanium Tris(ketimide) Complexes. Organometallics, 2007, 26, 119-127.	1.1	20
48	Amido/Amine Triazacyclononane-Based Zirconium Complexes:â€‰ Syntheses, Reactivity, and Structures. Inorganic Chemistry, 2007, 46, 750-755.	1.9	18
49	(Pentabenzylcyclopentadienyl)molybdenum Complexes: Synthesis, Structures and Redox Properties. European Journal of Inorganic Chemistry, 2007, 2007, 1103-1113.	1.0	14
50	A new conformer of 1,4,7-tris(p-tolylsulfonyl)-1,4,7-triazacyclononane. Acta Crystallographica Section C: Crystal Structure Communications, 2007, 63, o594-o596.	0.4	1
51	Titanium(III) Trisamidotriazacyclononane:Â Reactions with C60and Radicals. Inorganic Chemistry, 2006, 45, 3532-3537.	1.9	15
52	Direct synthesis of macrocyclic VO2+ complex from cyclam (1,4,8,11-tetraazacyclotetradecane) with aminoâ€“amido groups and ESR studies. Inorganic Chemistry Communication, 2006, 9, 497-499.	1.8	2
53	Group 4 ketimide complexes: Synthesis, reactivity and catalytic applications. Coordination Chemistry Reviews, 2006, 250, 118-132.	9.5	73
54	Diamido/diamine cyclam-based zirconium and hafnium complexes: Synthesis and characterization. Journal of Organometallic Chemistry, 2006, 691, 3853-3861.	0.8	21

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55	Titanium and zirconium ketimide complexes: synthesis and ethylene polymerisation catalysis. Journal of Organometallic Chemistry, 2005, 690, 874-884.	0.8	33
56	Titanium Triamidotriamine Compounds: Syntheses, Structures and Redox Properties. European Journal of Inorganic Chemistry, 2005, 2005, 1689-1697.	1.0	9
57	Ion Pairing in Ti(IV) Trisamidotriazacyclononane Compounds. Inorganic Chemistry, 2005, 44, 9017-9022.	1.9	12
58	Mononuclear and Binuclear Cyclopentadienyl Oxo Molybdenum and Tungsten Complexes:â€‰ Syntheses and Applications in Olefin Epoxidation Catalysis. Organometallics, 2005, 24, 2582-2589.	1.1	84
59	Syntheses and structures of molybdenum and tungsten pentabenzylcyclopentadienyl complexes: new chlorination reactions. Journal of Organometallic Chemistry, 2004, 689, 2368-2376.	0.8	12
60	Titanium ketimide complexes as Î±-olefin homo- and copolymerisation catalysts. X-ray diffraction structures of [TiCpâ€²(Nî˜...CtBu2)Cl2] (Cpâ€²=Ind, Cp*). Journal of Organometallic Chemistry, 2004, 689, 203-213.	2.8	42
61	Syntheses and dynamic NMR studies on 3-(1â€²-indenyl)propyl-N,N-bis(trimethylsylil)amine metal derivatives. Inorganica Chimica Acta, 2003, 356, 279-287.	1.2	10
62	Li, Ti(III), and Ti(IV) Trisamidotriazacyclononane Complexes. Syntheses, Reactivity, and Structures. Inorganic Chemistry, 2003, 42, 2675-2682.	1.9	16
63	Insertion of Isocyanides into Group 4 Metalâ˜'Carbon and Metalâ˜'Nitrogen Bonds. Syntheses and DFT Calculations. Organometallics, 2003, 22, 4218-4228.	1.1	39
64	Triamidotriazacyclononane Complexes of Group 3 Metals. Synthesis and Crystal Structures. Inorganic Chemistry, 2003, 42, 4223-4231.	1.9	28
65	Amido- and imido-ethylpyridine titanium complexes. Crystal structure of {Ti[NCH2CH2py]Cl2(THF)}2. Journal of Organometallic Chemistry, 2001, 632, 17-26.	0.8	12
66	Zirconium indenylamido complexes: synthesis and reactivity. Journal of Organometallic Chemistry, 2001, 632, 58-66.	0.8	5
67	Synthesis of metallocenes of zirconium, hafnium, manganese, iron, tin, lead and half-sandwich complexes of rhodium and iridium containing the ligands (Î·-C5R4CRâ€²2PMe2), where R and Râ€² may be H or Me. Journal of Organometallic Chemistry, 2001, 640, 93-112.	0.8	22
68	Titanium indenyldimethylamido complexes: synthesis, characterisation and theoretical calculations. Crystal structure of [Ti(Î·5-Ind)(NMe2)Cl2]. Dalton Transactions RSC, 2000, , 4332-4338.	2.3	12
69	Cationic Nickel(II) Complexes of Chelating N-Heterocyclic Carbenes. Organometallics, 1999, 18, 4584-4590.	1.1	145
70	Ansa-bridged Î·-cyclopentadienyl imido and amido derivatives of titanium, zirconium and molybdenum. Journal of Organometallic Chemistry, 1998, 551, 133-138.	0.8	29
71	ansa-Î·-Cyclopentadienylimide derivatives of niobium. Journal of the Chemical Society Dalton Transactions, 1997, , 2435-2444.	1.1	16
72	Ansa-bridged Î·-cyclopentadienyl imido and amido derivatives of titanium, zirconium, niobium and molybdenum. Journal of Organometallic Chemistry, 1997, 541, 121-125.	0.8	28

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73	Studies on molybdenocene derivatives: Reactions of [Cp2Mo(Î·2-NCMe)] and preparation of alkyl hydride complexes. Crystal structure of [Cp2Mo(PMe3)]. Journal of Organometallic Chemistry, 1993, 445, 125-131.	0.8	9
74	Isocyanide derivatives of tungstenocene. Journal of Organometallic Chemistry, 1993, 455, 129-135.	0.8	10
75	Synthesis and reactivity of molybdenocene isocyanide complexes; crystal structure of (Î·5-C5H5)2MoCNtBu. Journal of Organometallic Chemistry, 1992, 423, 367-390.	0.8	30
76	Methylisocyanide derivatives of molybdenocene and tungstenocene: preparation, reactivity and electronic structure: crystal structures of [(Î·5-C5H5)2WBr(CNMe)]Br and [(Î·5-C5H5)2{N(H)CH3}][BF4]2Â·CH3CN. Journal of Organometallic Chemistry, 1992, 440, 119-144.	0.8	12
77	Syntheses, electrochemistry, and bonding of bis(cyclopentadienyl)molybdenum alkyl complexes. Molecular structure of Mo(.eta.5-C5H5)2(C4H9)2. Thermochemistry of Mo(.eta.5-C5H5)2R2 and Mo(.eta.5-C5H5)2L (R = CH3, C2H5, C4H9; L = ethylene, diphenylacetylene). Organometallics, 1991, 10, 483-494.	1.1	23
78	Studies on the reactivity of the halo-hydride complexes [M(Î·5-C5H5)2HX] (M = Mo, W; X = Cl, Br, I). Journal of Organometallic Chemistry, 1989, 368, 57-65.	0.8	12
79	Some new cyano and isonitrile complexes of Mo(Î·5-C5H5)2. Polyhedron, 1989, 8, 1802-1803.	1.0	9
80	New molybdenocene dihydrocarbyls. Journal of Organometallic Chemistry, 1987, 327, C59-C62.	0.8	4