Maria Jose' Calhorda

List of Publications by Year
in descending order

284 papers	7,570 citations	53660 45 h-index	102304 66 g-index
298 all docs	298 docs citations	298 times ranked	6618 citing authors

#	Article	IF	Citations
1	Weak hydrogen bonds: theoretical studies. Chemical Communications, 2000, , 801-809.	2.2	280
2	Octahedral Bipyridine and Bipyrimidine Dioxomolybdenum(VI) Complexes: Characterization, Application in Catalytic Epoxidation, and Density Functional Mechanistic Study. Chemistry - A European Journal, 2002, 8, 2370.	1.7	232
3	Mechanism for the Cyclotrimerization of Alkynes and Related Reactions Catalyzed by CpRuCl. Journal of the American Chemical Society, 2003, 125, 11721-11729.	6.6	168
4	The Nature of the Indenyl Effect. Chemistry - A European Journal, 2002, 8, 868-875.	1.7	147
5	Bi- and Trimetallic Ïƒ-Acetylide Complexes Connected through a Phenyl Ring in the Fe(Cp*)(dppe) Series. Organometallics, 1997, 16, 2024-2031.	1.1	126
6	Ring slippage in indenyl complexes: structure and bonding. Coordination Chemistry Reviews, 1999, 185-186, 37-51.	9.5	112
7	Loading and delivery of sertraline using inorganic micro and mesoporous materials. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 66, 357-365.	2.0	101
8	Olefin epoxidation with tert-butyl hydroperoxide catalyzed by MoO2X2L complexes: a DFT mechanistic study. Dalton Transactions, 2006, , 1383.	1.6	88
9	Olefin Epoxidation Catalyzed by Î·⁵-Cyclopentadienyl Molybdenum Compounds: A Computational Study. Organometallics, 2010, 29, 303-311.	1.1	84
10	The carbon-carbon bond-forming step in catalytic cross-coupling: migration or elimination?. Organometallics, 1991, 10, 1431-1438.	1.1	81
11	High-Yield Ruthenium-Catalyzed Friedelâ€“Crafts-Type Allylation Reactions Using Dicationic RuIV Catalysts. Angewandte Chemie - International Edition, 2006, 45, 6386-6391.	7.2	80
12	Hydrogen activation by high-valent oxo-molybdenum(vi) and -rhenium(vii) and -(v) compounds. Dalton Transactions, 2008, , 1727.	1.6	80
13	Molybdenum Î·3-Allyl Dicarbonyl Complexes as a New Class of Precursors for Highly Reactive Epoxidation Catalysts withtert-Butyl Hydroperoxide. Organometallics, 2007, 26, 5548-5556.	1.1	77
14	MoO₂Cl₂ as a Novel Catalyst for Câˆ’P Bond Formation and for Hydrophosphonylation of Aldehydes. Organometallics, 2009, 28, 6206-6212.	1.1	74
15	Ruthenium-Catalyzed Allylic Alkylation Reactions: Carbonate-Based Catalysts and Intermediates. Angewandte Chemie - International Edition, 2005, 44, 4397-4400.	7.2	73
16	Molecular modelling studies of N-salicylideneamino acidato complexes of oxovanadium(iv). Molecular and crystal structure of a new dinuclear LOVIVâ€“Oâ€“VVOL mixed valence complex. Dalton Transactions RSC, 2002, , 4407.	2.3	72
17	Catalyzing Aldehyde Hydrosilylation with a Molybdenum(VI) Complex: A Density Functional Theory Study. Chemistry - A European Journal, 2007, 13, 3934-3941.	1.7	72
18	[Re(Î·5-C5H5)(CO)3]+Family of 17-Electron Compounds:Â Monomer/Dimer Equilibria and Other Reactions. Journal of the American Chemical Society, 2008, 130, 2692-2703.	6.6	69

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19	Kinetic Studies on the Oxidation of Î·⁵-Cyclopentadienyl Methyl Tricarbonyl Molybdenum(II) and the Use of Its Oxidation Products as Olefin Epoxidation Catalysts. Organometallics, 2009, 28, 639-645.	1.1	67
20	Synthesis, Structure, and Photophysical Characterization of Blue-Green Luminescent Zinc Complexes Containing 2-Iminophenanthropyrrolyl Ligands. Inorganic Chemistry, 2009, 48, 11176-11186.	1.9	67
21	Selective Cï£¿C Bond Formation between Alkynes Mediated by the [RuCp(PR3)]+ Fragment Leading to Allyl, Butadienyl, and Allenyl Carbene Complexesâ€"An Experimental and Theoretical Study. Chemistry - A European Journal, 2002, 8, 3948-3961.	1.7	66
22	Highly Efficient Reduction of Sulfoxides with the System Borane/Oxo-rhenium Complexes. Organometallics, 2010, 29, 5517-5525.	1.1	63
23	Heteropolynuclear Gold Complexes with Metallophilic Interactions: Modulation of the Luminescent Properties. Inorganic Chemistry, 2010, 49, 8255-8269.	1.9	63
24	Formation of pyridine from acetylenes and nitriles catalyzed by RuCpCl, CoCp, and RhCp derivatives â€“ A computational mechanistic study. Journal of Organometallic Chemistry, 2006, 691, 4434-4445.	0.8	62
25	Molecular Structures of M2(CO)9and M3(CO)12(M = Fe, Ru, Os):Â New Theoretical Insights. Inorganic Chemistry, 1999, 38, 5053-5060.	1.9	61
26	X-ray,13C NMR, and DFT Studies on a Ruthenium(IV) Allyl Complex. Explanation for the Observed Control of Regioselectivity in Allylic Alkylation Chemistry. Organometallics, 2005, 24, 1809-1812.	1.1	61
27	Synthesis, Structural Characterization, and Theoretical Studies of Gold(I) and Gold(I)â^'Gold(III) Thiolate Complexes:Â Quenching of Gold(I) Thiolate Luminescence. Inorganic Chemistry, 2006, 45, 1059-1068.	1.9	61
28	Ligand Dependence of the Indenyl Ring Slippage in [(Î·5-Ind)MoL2(CO)2]0,+Complexes:Â Experimental and Theoretical Studies. Organometallics, 1998, 17, 2597-2611.	1.1	59
29	Ruthenium-mediated cyclotrimerization of alkynes utilizing the cationic complex [RuCp(CH3CN)3]PF6. Journal of Organometallic Chemistry, 2003, 682, 204-211.	0.8	59
30	Synthesis and characterisation of organo-silica hydrophobic clay heterostructures for volatile organic compounds removal. Microporous and Mesoporous Materials, 2008, 111, 612-619.	2.2	59
31	Activation of Molecular Hydrogen over a Binuclear Complex with Rh2S2Core:Â DFT Calculations and NMR Mechanistic Studies. Journal of the American Chemical Society, 2004, 126, 11954-11965.	6.6	57
32	Electrochemical Oxidation of CoCp(CO)2:Â Radicalâ^'Substrate Reaction of a 17 e-/18 e-Pair and Production of a Unique Dimer Radical. Journal of the American Chemical Society, 2006, 128, 16587-16599.	6.6	57
33	By What Mechanisms Are Metal Cyclobutadiene Complexes Formed from Alkynes?. Chemistry - A European Journal, 2004, 10, 5860-5870.	1.7	56
34	Synthesis, Structure, Luminescence, and Theoretical Studies of Tetranuclear Gold Clusters with Phosphinocarborane Ligands. Inorganic Chemistry, 2000, 39, 4280-4285.	1.9	55
35	Striking Differences between the Solution and Solid-State Reactivity of Iron PNP Pincer Complexes with Carbon Monoxide. Organometallics, 2009, 28, 6902-6914.	1.1	55
36	Bonding and structural preferences of indenyl complexes: MInd2Ln (n=0â€"3). Coordination Chemistry Reviews, 2002, 230, 49-64.	9.5	54

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37	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
38	Synthesis, bonding and dynamic behavior of fac-[Mo(II)(CO)2(Î·3-allyl)] derivatives. Journal of Organometallic Chemistry, 2001, 632, 197-208.	0.8	51
39	Stepwise Hapticity Changes in Sequential One-Electron Redox Reactions of Indenyl-Molybdenum Complexes:â€‰ Combined Electrochemical, ESR, X-ray, and Theoretical Studies. Journal of the American Chemical Society, 2001, 123, 10595-10606.	6.6	47
40	Cu(I) and Ag(I) complexes of chalcogenide derivatives of the organometallic ligand dppf and the dppa analogue. Journal of Organometallic Chemistry, 2004, 689, 2808-2819.	0.8	47
41	CNN Pincer Ruthenium Catalysts for Hydrogenation and Transfer Hydrogenation of Ketones: Experimental and Computational Studies. Chemistry - A European Journal, 2014, 20, 13603-13617.	1.7	47
42	Vanadyl cationic complexes as catalysts in olefin oxidation. Dalton Transactions, 2015, 44, 5125-5138.	1.6	47
43	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
44	Gold(I)â^'Gold(III) Interactions in Polynuclear Sulfur-Centered Complexes. Synthesis and Structural Characterization of [S(Au2dppf){Au(C6F5)3}] and [{S(Au2dppf)}2{Au(C6F5)2}]OTf (dppf =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457	1.1	47
45	Heptacoordinate tricarbonyl Mo(II) complexes as highly selective oxidation homogeneous and heterogeneous catalysts. Journal of Catalysis, 2008, 256, 301-311.	3.1	46
46	Rhodaoxetane: synthesis, structure, and theoretical evaluation. Organometallics, 1993, 12, 3316-3325.	1.1	45
47	Origin of Enantioselectivity in Palladium-Catalyzed Asymmetric Allylic Alkylation Reactions Using Aminophosphine Ligands. Organometallics, 2002, 21, 315-325.	1.1	45
48	Some problems in the oxidative addition and binding of ethylene to a transition-metal center. Organometallics, 1986, 5, 1841-1851.	1.1	43
49	Dynamic spin interchange in a tridentate Fe(<scp>iii</scp>) Schiff-base compound. Chemical Science, 2016, 7, 4251-4258.	3.7	43
50	Structural and Theoretical Analysis of Mâ^'H-Â-Â-Hâ^'M and Mâ^'H-Â-Â-Hâ^'CIntermolecularInteractions. Inorganic Chemistry, 1998, 37, 3337-3348.	1.9	42
51	Unveiling the dual role of the cholinium hexanoate ionic liquid as solvent and catalyst in suberin depolymerisation. RSC Advances, 2014, 4, 2993-3002.	1.7	42
52	Bis(iminophosphorano)methane Derivatives as Precursors of Unusual Ruthenium Carbene Complexes:Â A Synthetic and DFT Study. Organometallics, 2004, 23, 2421-2433.	1.1	40
53	Intramolecular and Intermolecular Bonding in Benzene Cluster Isomers. Inorganic Chemistry, 1994, 33, 3218-3228.	1.9	38
54	A novel trinuclear cobalt complex: crystal and electronic structure of perylene bis(maleonitriledithiolato)cobaltate (Per)4[Co(mnt)2]3. Inorganic Chemistry, 1993, 32, 3705-3711.	1.9	37

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55	Nitrogen donor ligands bearing Nâ€“H groups: Effect on catalytic and cytotoxic activity of molybdenum Î·3-allyldicarbonyl complexes. Journal of Organometallic Chemistry, 2008, 693, 3411-3418.	0.8	37
56	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
57	Boron complexes of aromatic ring fused iminopyrrolyl ligands: synthesis, structure, and luminescence properties. Dalton Transactions, 2016, 45, 15603-15620.	1.6	36
58	Interplay of ketenyl and nitrile ligands on d6-transition metal centres. Acetonitrile as an end-on (two-electron) and a side-on (four-electron) ligand. Journal of Organometallic Chemistry, 1999, 587, 233-243.	0.8	35
59	Coordination-driven self-assembly of thiocyanate complexes of Co(ii), Ni(ii) and Cu(ii) with picolinamide: a structural and DFT study. CrystEngComm, 2011, 13, 5863.	1.3	35
60	Energetics of transition-metal-sulfur and -oxygen bonds in M(.eta.5-C5H5)2L2 complexes (M = Ti, Mo,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.1	34
61	Anodic Preparation of [Re2Cp2(CO)6]2+:Â A Dimeric Dication that Provides the Powerful One-Electron Oxidant [ReCp(CO)3]+. Journal of the American Chemical Society, 2005, 127, 15676-15677.	6.6	34
62	Mo(II) complexes: A new family of cytotoxic agents?. Journal of Inorganic Biochemistry, 2010, 104, 1171-1177.	1.5	34
63	Synthesis, X-ray structure, and theoretical studies of novel cationic mono-cyclopentadienyl complexes of Co(III): the orthometalation of trans-azobenzene. Journal of Organometallic Chemistry, 2001, 625, 186-194.	0.8	33
64	Group 11 complexes with the bis(3,5-dimethylpyrazol-1-yl)methane ligand. How secondary bonds can influence the coordination environment of Ag(i): the role of coordinated water in [Ag2(Âµ-L)2(OH2)2](OTf)2. Dalton Transactions, 2006, , 4104-4113.	1.6	33
65	Expanding the role of oxo-molybdenum(vi) catalysts: a DFT interpretation of Xâ€“H activation leading to reduction or oxidation. Dalton Transactions, 2009, , 8155.	1.6	33
66	Dinuclear Zincâ€“Nâ€Heterocyclic Carbene Complexes for Either the Controlled Ringâ€Opening Polymerization of Lactide or the Controlled Degradation of Polylactide Under Mild Conditions. ChemCatChem, 2014, 6, 1357-1367.	1.8	33
67	Intramolecular and Intermolecular Bonding in Crystalline Clusters of the Type (CpR)3M3(CO)3 [M = Co, Rh, Ir; CpR = C5H5, C5Me5, C5H4Me]. Organometallics, 1995, 14, 5350-5361.	1.1	31
68	Pyridine Carboxylate Complexes of MoII as Active Catalysts in Homogeneous and Heterogeneous Polymerization. European Journal of Inorganic Chemistry, 2007, 2007, 2917-2925.	1.0	31
69	Cationic Half-Sandwich Iron(II) and Iron(III) Complexes with N-Heterocyclic Carbene Ligands. Organometallics, 2014, 33, 5670-5677.	1.1	31
70	Theoretical comparison of the â€œslipâ€•distortion and rotational barriers in comparable seven and twelve vertex carbaplatinaboranes. Journal of Organometallic Chemistry, 1982, 228, 309-320.	0.8	30
71	Nitrile complexes of dicyclopentadienyl-molybdenum and -tungsten: preparation and reactivity. The structure of di-Î·5-cyclopentadienyliodoacetonitrile-molybdenum(IV) hexafluorophosphate, [Mo(Î·5-C5H5)2I(NCCH3)][PF6]. Journal of Organometallic Chemistry, 1987, 320, 63-81.	0.8	30
72	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

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73	Gold(I) and Gold(III) Complexes with the 1,1â€²-Bis(diethyldithiocarbamate)ferrocene Ligand. Chemistry - A European Journal, 1998, 4, 2308-2314.	1.7	30
74	Hepta-coordinate halocarbonyl molybdenum(II) and tungsten(II) complexes as heterogeneous polymerization catalysts. Journal of Molecular Catalysis A, 2006, 256, 90-98.	4.8	30
75	Energetics of metal-sulfur bonds in the complexes M(.eta.5-C5H5)2(SC2H5)2 (M = Ti, W) and W(.eta.5-C5H5)2(SC6H5)2. Molecular structure of Ti(.eta.5-C5H5)2(SC2H5)2. Inorganic Chemistry, 1988, 27, 2513-2518.	1.9	29
76	Bioactive Pseudoâ€Câ€nucleosides Containing Thiazole, Thiazolidinone, and Tetrazole Rings. Journal of Carbohydrate Chemistry, 2005, 24, 275-296.	0.4	29
77	Nucleophilic and electrophilic reactions of C5 cyclo-polyenes coordinated to the [CpMoL2]n+ fragment (n = 1,2; L = 1/2dppe, PMe3, P(OMe)3, CO). Journal of Organometallic Chemistry, 1997, 544, 257-276.	0.8	28
78	An Oligosilsesquioxane Cage Functionalized with Molybdenum(II) Organometallic Fragments. Organometallics, 2012, 31, 4495-4503.	1.1	28
79	How the Intercalation of Phenanthroline Affects the Structure, Energetics, and Bond Properties of DNA Base Pairs: Theoretical Study Applied to Adenineâ€“Thymine and Guanineâ€“Cytosine Tetramers. Journal of Chemical Theory and Computation, 2015, 11, 2714-2728.	2.3	28
80	Theoretical Analysis of Bonding and Stereochemical Trends in Doubly Bridged Copper(I)â^'Copper(I) Dimers. Organometallics, 2001, 20, 1734-1742.	1.1	27
81	A New Look at the Ylidic Bond in Phosphorus Ylides and Related Compounds:â€‰ Energy Decomposition Analysis Combined with a Domain-Averaged Fermi Hole Analysis. Journal of Physical Chemistry A, 2007, 111, 2859-2869.	1.1	27
82	Adsorption and reactions of cyclic sulfides on molybdenum(110). Journal of the American Chemical Society, 1990, 112, 50-61.	6.6	26
83	An â€˜atoms in moleculesâ€™ (AIM) analysis of the dihydrogen bond in organometallic compounds. Journal of Organometallic Chemistry, 2000, 609, 53-59.	0.8	26
84	Haptotropic Shifts of Indenyl and Other Related Ï€ Ligands. Comments on Inorganic Chemistry, 2001, 22, 375-391.	3.0	26
85	Chemoselective Sulfide and Sulfoxide Oxidations by CpMo(CO)₃Cl/HOOR: a DFT Mechanistic Study. Organometallics, 2011, 30, 1454-1465.	1.1	26
86	Unveiling the Mechanisms of Catalytic Oxidation Reactions Mediated by Oxo-Molybdenum Complexes: A Computational Overview. Current Organic Chemistry, 2012, 16, 65-72.	0.9	26
87	Theoretical studies of ethylene adsorption and oxidation on clean and oxygen covered rhodium (111). Journal of Molecular Catalysis A, 1995, 97, 157-171.	4.8	25
88	Molecular Structure, Dynamics, and Crystal Organization of [(.mu.-Cl)3{(.eta.6-arene)Ru}2][BF4] (Arene = C6H6 and C6H5Me) and a Bonding Study by Extended-Hueckel Calculations. Organometallics, 1995, 14, 121-130.	1.1	25
89	New Cu(i) and Ag(i) binuclear complexes containing the dppa ligand. Dalton Transactions RSC, 2002, , 4365-4374.	2.3	25
90	Influence of activated carbons porous structure on iopamidol adsorption. Carbon, 2014, 77, 607-615.	5.4	25

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91	Multiple Bonds between Main-Group Elements and Transition Metals. 123. Re-C Bond Homolysis in Alkyl- and Arylrhenium Trioxides: A Qualitative MO Interpretation. Inorganic Chemistry, 1994, 33, 1139-1143.	1.9	24
92	Bis(indenyl) complexes of Fe, Co, and Ni: electronic structure and preferences. Journal of Organometallic Chemistry, 2001, 635, 197-203.	0.8	24
93	Mono- and binuclear bipyridyl derivatives of the Mo(Î·3-C3H5)(CO)2 fragment: structural studies and fluxionality in solution. Journal of Organometallic Chemistry, 2003, 687, 57-68.	0.8	24
94	N-Salicylideneamino acidato complexes of oxovanadium(iv). The cysteine and penicillamine complexes. Dalton Transactions, 2004, , 2855.	1.6	24
95	Unprecedented Î·3-M3 coordination mode in a terpyridine ligand. Chemical Communications, 2005, , 3355.	2.2	24
96	Hyperelectronic Metalâ^'Carborane Analogues of Cymantrene (MnCp(CO)₃) Anions:â€‰ Electronic and Structural Noninnocence of the Tricarbadecaboranyl Ligand. Organometallics, 2007, 26, 4471-4482.	1.1	24
97	Synthesis and properties of new trinuclear Mo(II) complexes containing imidazole and benzimidazole ferrocene units. Inorganica Chimica Acta, 2008, 361, 1584-1596.	1.2	24
98	Synthesis and catalytic properties of manganese(II) and oxovanadium(IV) complexes anchored to mesoporous MCM-41. Microporous and Mesoporous Materials, 2008, 112, 14-25.	2.2	24
99	Charge Parametrization of the DvH-c₃ Heme Group: Validation Using Constant-(pH,E) Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2013, 117, 70-82.	1.2	24
100	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
101	Molecular and Crystal Structures of Cubane-like Ruâ^'O Complexes and the Molecular Orbital Analysis of an Unusual Ï€â^'Ï€ Interaction Stabilized by Câ^'HÂ·Â·Â·O Hydrogen Bonds. Organometallics, 2000, 19, 790-797.	1.1	23
102	Diffusion and Overhauser NMR Studies on Dicationic Palladium Complexes of BINAP. Organometallics, 2006, 25, 4596-4604.	1.1	23
103	Pseudopolymorphism in Nickel(II) Complexes with 6-Methylpicolinate. Synthesis, Structural, Spectroscopic, Thermal, and Density Functional Theory Studies. Crystal Growth and Design, 2008, 8, 3465-3473.	1.4	23
104	Activity of Mo(II) allylic complexes supported in MCM-41 as oxidation catalysts precursors. Microporous and Mesoporous Materials, 2009, 117, 670-677.	2.2	23
105	Reversible Addition of CO to Coordinatively Unsaturated High-Spin Iron(II) Complexes. Organometallics, 2011, 30, 6587-6601.	1.1	23
106	Photophysical properties of iminopyrrolyl boron complexes: A DFT interpretation. Dalton Transactions, 2012, 41, 13210.	1.6	23
107	A theoretical study of methylation and CH/Ï€ interactions in DNA intercalation: methylated 1,10-phenanthroline in adenineâ€“thymine base pairs. RSC Advances, 2016, 6, 85891-85902.	1.7	23
108	MO architectures of octahedral metal clusters. Inorganica Chimica Acta, 1993, 213, 199-212.	1.2	22

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109	Electronic Structure of the 1:1 Mixed Molecular and Polymeric Conductor (perylene)Co(mnt)2(CH2Cl2)0.5 and Comparison with the 2:1 .alpha.-(perylene)2M(mnt)2 Phases. Inorganic Chemistry, 1994, 33, 4290-4294.	1.9	22
110	Bonding and Redox Properties of [Os3(CO)9(tmbp)(L)] (tmbp=4,4â€²,5,5â€²-tetramethyl-2,2â€²-biphosphinine;) Tj ETQq0 0 0 rgBT /Ov Biphosphinine Dianion. Chemistry - A European Journal, 2002, 8, 1741-1752.	1.7	22
111	A Mn(<scp>iii</scp>) single ion magnet with tridentate Schiff-base ligands. Dalton Transactions, 2016, 45, 12301-12307.	1.6	22
112	Electrochemical studies and potential anticancer activity in ferrocene derivatives. Journal of Coordination Chemistry, 2017, 70, 314-327.	0.8	22
113	Stereoelectronic causes of an unusual coordination geometry of an acetylene. Organometallics, 1986, 5, 2181-2187.	1.1	21
114	Molecular structure of two dicyclopentadienylmolybdenum derivatives containing a four-membered ring [Mo(Î·5-C5H5)2(2-NHNC5H4)][PF6] and [Mo(Î·5C5H5)2(2-ONC5H4)][PF6]. Journal of Organometallic Chemistry, 1987, 320, 53-62.	0.8	21
115	Uranium-ligand bond dissociation enthalpies in uranium(IV) polypyrazolylborate complexes. Organometallics, 1992, 11, 1632-1637.	1.1	21
116	Tetraaza macrocycles containing pyridine and their copper(II) and nickel(II) complexes: X-ray, spectroscopic, molecular mechanics and molecular orbital studies. Journal of the Chemical Society Dalton Transactions, 1996, , 4543-4553.	1.1	21
117	How bridging ligands and neighbouring groups tune the gold-gold bond strength. Journal of Organometallic Chemistry, 1996, 510, 71-81.	0.8	21
118	Remarkably stable radical anions derived from clusters [HOs3(CO)9(L)], L=ortho-metallated Î±-diimine: a spectro-electrochemical study and theoretical rationalization. Journal of Organometallic Chemistry, 1999, 573, 121-133.	0.8	21
119	Synthesis and Characterization of Triosmium Clusters Containing the Bidentate Ligand Ph2PCH2CH2SMe:â€‰ Detection of an Isomerization Reaction Involving Bridging and Chelating Ligand Coordination Modes. Organometallics, 2001, 20, 4150-4160.	1.1	21
120	Synthesis, X-ray structures, electrochemistry, magnetic properties, and theoretical studies of the novel monomeric [CoI2(dppfO2)] and polymeric chain [CoI2(Î¼-dppfO2)n]. Dalton Transactions RSC, 2002, , 4595-4602.	2.3	21
121	Synthesis of Tetrahydronaphthalene Lignan Esters by Intramolecular Cyclization of Ethyl p-Azidophenyl-2-phenylalkanoates and Evaluation of the Growth Inhibition of Human Tumor Cell Lines. Journal of Medicinal Chemistry, 2011, 54, 3175-3187.	2.9	21
122	Benzene and heterocyclic rings formation in cycloaddition reactions catalyzed by RuCp derivatives: DFT studies. Inorganica Chimica Acta, 2011, 374, 24-35.	1.2	21
123	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
124	Catalytic Activity of Molybdenum(II) Complexes in Homogeneous and Heterogeneous Conditions. Organometallics, 2015, 34, 1465-1478.	1.1	21
125	Di- versus Trinuclear Copper(II) Cryptate for the Uptake of Dicarboxylate Anions. Inorganic Chemistry, 2016, 55, 7051-7060.	1.9	21
126	Mechanistic Study of the Direct Intramolecular Allylic Amination Reaction Catalyzed by Palladium(II). ACS Catalysis, 2016, 6, 1772-1784.	5.5	21

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127	New Insights on the Interaction of Phenanthroline Based Ligands and Metal Complexes and Polyoxometalates with Duplex DNA and G-Quadruplexes. Molecules, 2021, 26, 4737.	1.7	21
128	Di-Î·5-cyclopentadienylmetal complexes with nitrogen donor atom ligands: New imidazole, N-methylimidazole, pyrazole and 2,2â€²-bisimidazole complexes of molybdenum and tungsten. Journal of Organometallic Chemistry, 1980, 197, 291-302.	0.8	20
129	Molecular structure, bonding, and reactions of Mo(Î·5-C5H5)2 derivatives containing phosphorus ligands. Crystal structures of [Mo(Î·5-C5H5)2H(PPh3)]I Â· 2O and [Mo(Î·5-C5H5)2(CH3)(PPh3)][PF6]. Journal of Organometallic Chemistry, 1990, 391, 345-360.	0.8	20
130	Hydrocarbyl derivatives of [UCl2HB(pz)32]: Synthesis, characterization and reactivity studies towards protic substrates and ketones. Journal of Organometallic Chemistry, 1997, 538, 223-239.	0.8	20
131	Synthesis and Theoretical Studies of a Double Helical Complex with the Ligand 4â€²,4â€²â€²-Bis(ferrocenyl)-2,2â€²:6â€²,2â€²â€²:6â€²â€²,2â€²â€²â€²:6â€²â€²â€²,2â€²â€²â€²â€²-quinquepyridine. European Jo 2004, 3038-3047.	1.7	20
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