

Juan Manuel Ortigueira

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	X-Ray diffraction study of fluorine-functionalized thiosemicarbazones and cyclometallated compounds.. , 2022, 9, .	0	0
2	Imine Palladacycles: Synthesis, Structural Analysis and Application in Suzukiâ€“Miyaura Cross Coupling in Semi-Aqueous Media. <i>Molecules</i> , 2022, 27, 3146.	1.7	0
3	Synthesis and X-ray Diffraction Study of thiosemicarbazone Palladacycles with dppm. <i>Proceedings (mdpi)</i> , 2021, 62, .	0.2	0
4	A crystal structural analysis discloses the singular shift of an acetylacetone-derived cyclopalladated complex to the dinuclear chloro-bridged precursor. <i>Polyhedron</i> , 2021, 209, 115478.	1.0	0
5	Study on the Effect of the Ligand Structure in Palladium Organometallic Catalysts in the Suzukiâ€“Miyaura Cross-Coupling Reaction. , 2021, 8, .	0	0
6	Chemistry of Tetradentate [C , N‰‰:‰‰C , N] Iminophosphorane Palladacycles: Preparation, Reactivity and Theoretical Calculations. <i>ChemistryOpen</i> , 2020, 9, 1190-1194.	0.9	5
7	The chelate-to-bridging shift of phosphane dipalladacycles: convenient synthesis of double A-frame tetranuclear complexes. <i>Chemical Communications</i> , 2018, 54, 2662-2665.	2.2	4
8	From Chemical Serendipity to Translational Chemistry: New Findings in the Reactivity of Palladacycles. <i>ChemistryOpen</i> , 2018, 7, 754-763.	0.9	7
9	A Highly Effective Strategy for Encapsulating Potassium Cations in Small Crown Ether Rings on a Dinuclear Palladium Complex. <i>Chemistry - A European Journal</i> , 2017, 23, 6255-6258.	1.7	12
10	Synthesis and reactivity of thiosemicarbazone palladacycles. Crystal structure analysis and theoretical calculations. <i>Inorganica Chimica Acta</i> , 2016, 449, 20-30.	1.2	10
11	Palladacycle catalysis: an innovation to the Suzukiâ€“Miyaura cross-coupling reaction. <i>Dalton Transactions</i> , 2016, 45, 17598-17601.	1.6	15
12	Novel Bidentate [<i>i</i> N <i>j</i> , <i>i</i> S <i>j</i>] Palladacycle Metalloligands. ¹ H NMR as a Decisive NMR Technique for the Structural Characterization of Palladiumâ€“Rhodium and Palladiumâ€“Palladium Bimetallic Complexes. <i>Organometallics</i> , 2014, 33, 3265-3274.	1.1	15
13	Spectroscopic and solid state characterization of bimetallic terdentate [C,N,S] thiosemicarbazone Palladium(II) metallacycles with bridging and chelating [P,P] diphosphine ligands. <i>Journal of Organometallic Chemistry</i> , 2013, 740, 83-91.	0.8	6
14	Versatile reactivity of dioxaneferrocenylimine palladacycles by controlled acid hydrolysis. Crystal and molecular structure of [Pd{CpFe[1-5-C5H2{CH(OMe)2}C(H)N-2,4,6-Me3C6H2]}(Cl)(PPh2Et)]. <i>Journal of Organometallic Chemistry</i> , 2013, 740, 92-97.	0.8	2
15	Thiosemicarbazone platinacycles with tertiary phosphines. Preparation of novel heterodinuclear platinumâ€“tungsten complexes. <i>Polyhedron</i> , 2012, 41, 30-39.	1.0	4
16	Versatile nucleophilic Michael addition to chelated (Ph2P)2CCH2 (vdpp) in Schiff base cyclometallated palladium(II) compounds: Câ€“C, Câ€“O and Câ€“N bond formation, dinuclear palladacycles and geometrical isomerism. <i>Journal of Organometallic Chemistry</i> , 2012, 720, 30-37.	0.8	3
17	Dioxaneferrocenylimine Cyclometalated Compounds as Precursors to Novel Functionalized Di- and Tetranuclear Metallacycles Leading to 1,3-Double Palladation of an 1-5-C5H5 Ring. <i>Organometallics</i> , 2012, 31, 890-894.	1.1	6
18	Synthesis and structural characterization of tridentate [C,N,S] thiosemicarbazone palladacycles. Crystal and molecular structures of [Pd{3-FC6H3C(Me)NNC(S)NHMe}]4, [Pd{4-FC6H3C(Me)NNC(S)NHEt}]4 and [(Pd{2-BrC6H3C(Me)NNC(S)NHPh})2(I4-Ph2P(CH2)2PPh2)]. <i>Polyhedron</i> , 2012, 31, 217-226.	1.0	13

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19	Synthesis and Structural Characterization of New Bimetallic [C,N,S] Palladacycles with Mixed Bridging [P,P] and Chelating [P,P] or [P,N] Phosphane Ligands. European Journal of Inorganic Chemistry, 2011, 2011, 368-376.	1.0	7
20	Synthesis and Structural Characterization of Palladium and Platinum Bimetallic Compounds Derived From Bidentate <i>i>P</i>, <i>i>S</i>-Palladacycle Metaloligands. Crystal Growth and Design, 2010, 10, 700-708.</i></i>	1.4	23
21	The chemistry of N-benzylidene-1,4-phenylenediamine palladacycles: The crystal and molecular structure of the first tetranuclear palladacycle with bridging Ph ₂ PCH ₂ PPh ₂ ligands. Journal of Organometallic Chemistry, 2009, 694, 1273-1282.	0.8	16
22	Cycloplatination of Thiosemicarbazones Derived from Furane. Crystal and Molecular Structure of [{Pt[(OC) ₄ H ₂ C(Me)=NN=C(S)NHEt]} ₂ (^{1/4} -Ph ₂ P(CH ₂) ₂₀ Ph ₂) ₂]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 1875-1882.		
23	Cyclometallated thiosemicarbazone palladium(II) compounds: The first crystal and molecular structures of mononuclear complexes with a $\text{P}(\text{Ph})_3$ ligand. Journal of Organometallic Chemistry, 2006, 691, 2721-2733.	0.8	26
24	Synthesis, characterization and solid state structures of thiosemicarbazone palladacycles: Influence of hydrogen bonding in the molecular arrangement. Journal of Organometallic Chemistry, 2006, 691, 2891-2901.	0.8	18
25	Novel Cyclometallated Complexes Derived From a Halogenated Thiosemicarbazone. Crystal and Molecular Structures of 2-FC ₆ H ₄ C(Me)=NN(H)C(=S)NHPh and [(Pd{2-FC ₆ H ₃ C(Me)=NN=C(S)NHPh}) ₂ (^{1/4} -PPh ₂ (CH ₂) ₂ PPh ₂)]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2204-2209.	0.6	12
26	The First Cyclometallated (1-Ferrocenylethanone thiosemicarbazone)palladium(II) Compoundsâ˜. Crystal and Molecular Structure of [Pd{(<i>i</i> -C ₅ H ₅)Fe(<i>i</i> -C ₅ H ₃)C(Me)=NN=C(S)NHMe}(PPh ₃)]. European Journal of Inorganic Chemistry, 2004, 2004, 2937-2942.	1.0	18
27	Cyclometallated Complexes with C, N, O Terdentate Ligands. ChemInform, 2004, 35, no.	0.1	0
28	Synthesis, reactivity and characterization of cyclometallated palladium(II) compounds derived from pinacolone-N,N-dimethylhydrazone. Inorganica Chimica Acta, 2003, 342, 185-192.	1.2	5
29	New palladium(II) cyclometallated compounds derived from trans-cinnamalylideneimines via C=C activation of an sp ² -aliphatic carbon atom. Inorganica Chimica Acta, 2003, 342, 145-150.	1.2	11
30	Mixed Triply and Doubly Bridged Dinuclear Palladium(II) Cyclometalated Compounds. Crystal and Molecular Structures of [1,3-{Pd[2,3,4-(MeO)3C ₆ H ₄ C(H)NCH ₂]({ ^{1/4} -O ₂ CMe})}2C ₆ H ₄] and [1,4-{Pd[2,3,4-(MeO)3C ₆ H ₄ C(H)NCH ₂]Cl}2C ₆ H ₄ { ^{1/4} -Ph ₂ P(CH ₂) ₃ PPh ₂ }]. Organometallics, 2002, 21, 3628-3636.	1.1	24
31	C=C versus C-H bond activation in palladium(II) cyclopalladated compounds.. Journal of Organometallic Chemistry, 2002, 663, 239-248.	0.8	10
32	Cyclopalladated compounds derived from a [C,N,S] terdentate ligand: synthesis, characterization and reactivity. Crystal and molecular structures of [Pd{2-ClC ₆ H ₃ C(H)NCH ₂ CH ₂ SMe}(Cl)] and [{Pd[2-ClC ₆ H ₃ C(H)NCH ₂ CH ₂ SMe}] ₂ { μ -Ph ₂ P(CH ₂) ₄ PPh ₂ }][CF ₃ SO ₃] ₂ . New Journal of Chemistry, 2002, 26, 105-112.	1.4	34
33	Mono- and Dinuclear Five-coordinate Cyclometalated Palladium(II) Compounds. Inorganic Chemistry, 2001, 40, 4583-4587.	1.9	22
34	Cyclopalladation of Schiff base ligands: crystal and molecular structures of [Pd-{2,4-(OCH ₃) ₂ C ₆ H ₂ C(H)?N?(C ₆ H ₁₁)-C ₆ ,N??}] ₂ and [Pd-{3,4-(OCH ₃) ₂ C ₆ H ₂ C(H)?}		

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37	Influence of phenyl ring substituents in the cyclometallation of Schiff base ligands: crystal and molecular structures of $[Pd\{3,4-(OCH_2O)C_6H_2C(H)\cdots N(Cy)-C_2N\}(\frac{1}{4}-O_2CMe)]_2$ and $[Pd\{3,4-(OCH_2CH_2O)C_6H_2C(H)\cdots N(Cy)-C_6N\}(\frac{1}{4}-O_2CMe)]_2$. Journal of Organometallic Chemistry, 2000, 598, 71-79.	0.8	49
38	New cyclometallated platinum(II) compounds with thiosemicarbazones: crystal and molecular structure of $[Pt\{4-MeC_6H_3C(Me)\cdots NN\cdots C(S)NH_2\}(PPh_3)]$. Journal of Organometallic Chemistry, 2000, 595, 199-207.	0.8	46
39	Dibromo[propane-1,3-diylbis(diphenylphosphine)-P,P']palladium(II). Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 1646-1647.	0.4	6
40	Formation, characterization, and structural studies of novel thiosemicarbazone palladium(II) complexes. Crystal structures of $[Pd[C_6H_4C(Et)\cdots NN\cdots C(S)NH_2]_4]$, $[Pd\{C_6H_4C(Et)\cdots NN\cdots C(S)NH_2\}(PMePh_2)]$ and $[Pd\{C_6H_4C(Et)\cdots NN\cdots C(S)NH_2\}_2(\frac{1}{4}-Ph_2PCH_2PPh_2)]$. Journal of the Chemical Society Dalton Transactions, 1999, , 4193-4201.	1.1	79
41	Cyclometalated Complexes with Triphosphine Ligands: A Novel Route for Promoting Pentacoordination in Palladium(II). Organometallics, 1999, 18, 5484-5487.	1.1	46
42	Cyclometallated semicarbazone complexes of palladium(II). Crystal and molecular structure of $[Pd[C_6H_4C(Et)\cdots NN(H)C(\cdots O)NH_2]_2(\frac{1}{4}-Ph_2P(CH_2)_3PPh_2)][ClO_4]_2$. Journal of Organometallic Chemistry, 1998, 556, 21-30.	0.8	43
43	Reactivity of functionalised cyclometallated complexes of palladium(II). Crystal and molecular structure of $[Pd\{3-(CHO)C_6H_3C(H)\cdots NCy\}(Br)(PEtPh_2)]$. Journal of Organometallic Chemistry, 1998, 556, 31-39.	0.8	18
44	Synthesis of complexes of platinum (II) with C,N,N ² -terdentate Schiff base donor ligands. Crystal and molecular structure of $[Pt\{3-Me-4-MeOC_6H_2C(H)\cdots NCH_2CH_2NM_2\}(Me)]$. Journal of Organometallic Chemistry, 1998, 566, 93-101.	0.8	41
45	Novel dinuclear cyclometallated complexes of palladium(II) derived from N,N-(2,5-dichloro)terephthalylidenebis(cyclohexylamine) via oxidative addition. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1997, 623, 844-848.	0.6	17
46	Cyclometallated complexes of palladium(II) with a C, N, N ² terdentate Schiff base donor ligand. Oxidative addition of an aryl–chlorine bond to palladium(O). Journal of Organometallic Chemistry, 1997, 532, 171-180.	0.8	46
47	Cyclometallated complexes of palladium(II) with 1-methyl-2-phenylimidazole and tertiary diphosphines. Crystal and molecular structure of $[Pd[o-C_6H_4C=NC(H)=C(H)NMe](Ph_2PCH(Me)PPh_2-P,P)][PF_6]$. Journal of Organometallic Chemistry, 1997, 547, 297-307.	0.8	19
48	Synthesis and characterization of cyclometallated complexes of palladium(II) and manganese(I) with bidentate Schiff bases. Journal of Organometallic Chemistry, 1996, 506, 165-174.	0.8	56
49	Dinuclear cyclometallated complexes of PdII with diphosphines. X-ray crystal structure of. Journal of Organometallic Chemistry, 1996, 511, 129-138.	0.8	39
50	Reactivity of tetranuclear cyclometallated palladium(II) halide-bridged complexes of bis(N-benzylidene)-1,4-phenylenediamines. Journal of Organometallic Chemistry, 1994, 479, 37-46.	0.8	25
51	Cyclometallated compounds of palladium(II) with diphosphines. The X-ray crystal structure of $[Cy]_2\cdots (\frac{1}{4}-Ph_2PC(\cdots CH_2)PPh_2)Cl_2$. Journal of Organometallic Chemistry, 1994, 471, 259-263.	0.8	12
52	Synthesis and characterization of cyclometallated palladium(ii) complexes with Ph ₂ PCH ₂ PPh ₂ (dppm), trans-Ph ₂ PCH ₂ →CHPPh ₂ (trans-dppe), cis-Ph ₂ PCH ₂ →CHPPh ₂ (cis-dppe) and Ph ₂ P(CH ₂) ₄ PPh ₂ (dppb). The x-ray crystal structure of di- $\frac{1}{4}$ -bromo-bis[n-(4-methylbenzylidene)cyclohexylaminato-C ₆ N]dipalladium(II). Polyhedron, 1993, 12, 171-180.	1.0	27
53	Cyclometallated complexes of bis(N-benzylidene)-1,4-phenylenediamines. Synthesis and crystal structure of $[1,4-\{\cdot Br\}2C_6H_4]_2$: a novel tetranuclear cyclometallated palladium(II) complex. Journal of Organometallic Chemistry, 1992, 426, 267-277.	0.8	42
54	Synthesis of cyclometallated compounds of N-(3-methoxy)benzylidenecyclohexylamine. Crystal structure of the novel cyclometallated bipalladium(II) complex $[(mbcy-C_6N)Pd\{\frac{1}{4}-Ph_2PC(\cdots CH_2)PPh_2\}(\frac{1}{4}-Cl)Pd(mbcy-C_6N)]Cl\cdots 4CHCl_3$. Inorganica Chimica Acta, 1991, 179, 171-178.	1.2	16

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55	Reactivity of cyclometallated palladium(II) dimer complexes with diphosphines. <i>Polyhedron</i> , 1990, 9, 2741-2745.	1.0	18
56	Cyclometallated Palladium(II) Complexes: An Approach to the First Dinuclear Bis(Iminophosphorane)Phosphane-[C,N,S] Metallacycle. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
57	Palladacycles as Functionalized Metal-Ligand Precursors, Contain Tridentate [Csp ₂ , N, S] Ligands. , 0, , .	0	0