

Jesús J Fernández

List of Publications by Year in descending order

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87
papers

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citations

270111

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88
docs citations

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times ranked

1270
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Half-Sandwich Ru(<i>p</i> -cymene) Compounds with Diphosphanes: <i>In Vitro</i> and <i>In Vivo</i> Evaluation As Potential Anticancer Metallodrugs. <i>Inorganic Chemistry</i> , 2021, 60, 2914-2930. | 1.9 | 18 |
| 2 | Evaluation of the <i>In Vitro</i> and <i>In Vivo</i> Efficacy of Ruthenium Polypyridyl Compounds against Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8916. | 1.8 | 3 |
| 3 | Ru ^{II} (<i>p</i> -cymene) Compounds as Effective and Selective Anticancer Candidates with No Toxicity <i>In Vivo</i> . <i>Inorganic Chemistry</i> , 2018, 57, 13150-13166. | 1.9 | 52 |
| 4 | Self-assembly of dinuclear Pd(<i>p</i>)/Pt(<i>p</i>) metallacyclic receptors incorporating N-heterocyclic carbene complexes as corners. <i>Dalton Transactions</i> , 2017, 46, 4182-4190. | 1.6 | 5 |
| 5 | Straightforward Preparation Method for Complexes Bearing a Bidentate N-Heterocyclic Carbene To Introduce Undergraduate Students to Research Methodology. <i>Journal of Chemical Education</i> , 2017, 94, 1552-1556. | 1.1 | 4 |
| 6 | Preparation and characterization of terdentate [C,N,N] acetophenone and acetylpyridine hydrazone platinacycles: a DFT insight into the reaction mechanism. <i>Dalton Transactions</i> , 2017, 46, 16845-16860. | 1.6 | 6 |
| 7 | Dinuclear Ru ^{II} (bipy) ₂ Derivatives: Structural, Biological, and <i>In Vivo</i> Zebrafish Toxicity Evaluation. <i>Inorganic Chemistry</i> , 2017, 56, 7127-7144. | 1.9 | 40 |
| 8 | Preparation of Imidazolylidene Carbene Palladacycles with Bi- and Tridentate Schiff Bases Analyses of the Spectroscopic, Molecular Structure, and DFT Calculation Data. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 422-431. | 1.0 | 4 |
| 9 | Heteroleptic mononuclear compounds of ruthenium(<i>p</i>): synthesis, structural analyses, <i>in vitro</i> antitumor activity and <i>in vivo</i> toxicity on zebrafish embryos. <i>Dalton Transactions</i> , 2016, 45, 19127-19140. | 1.6 | 45 |
| 10 | Palladacycle catalysis: an innovation to the Suzuki-Miyaura cross-coupling reaction. <i>Dalton Transactions</i> , 2016, 45, 17598-17601. | 1.6 | 15 |
| 11 | Dinuclear cyclometallated platinum(III) complexes. Relationship between molecular structure and crystal packing. <i>Polyhedron</i> , 2014, 67, 160-170. | 1.0 | 9 |
| 12 | Novel palladacycle N-heterocyclic carbene complexes with bidentate [C,N] and terdentate [C,N,N] and [C,N,O] Schiff bases. Synthesis, characterization and crystal structure analysis. <i>Journal of Organometallic Chemistry</i> , 2014, 772-773, 192-201. | 0.8 | 8 |
| 13 | Thiosemicarbazone platinacycles with tertiary phosphines. Preparation of novel heterodinuclear platinum-tungsten complexes. <i>Polyhedron</i> , 2012, 41, 30-39. | 1.0 | 4 |
| 14 | Versatile nucleophilic Michael addition to chelated (Ph ₂ P) ₂ CCH ₂ (vdpp) in Schiff base cyclometallated palladium(II) compounds: C=O and C=N bond formation, dinuclear palladacycles and geometrical isomerism. <i>Journal of Organometallic Chemistry</i> , 2012, 720, 30-37. | 0.8 | 3 |
| 15 | A One-Pot Self-Assembly Reaction To Prepare a Supramolecular Palladium(II) Cyclometalated Complex: An Undergraduate Organometallic Laboratory Experiment. <i>Journal of Chemical Education</i> , 2012, 89, 156-158. | 1.1 | 10 |
| 16 | Mononuclear cycloplatinated complexes derived from 2-tolylpyridine with N-donor ligands: Reactivity and structural characterization. <i>Polyhedron</i> , 2012, 33, 13-18. | 1.0 | 10 |
| 17 | Functionalized Palladacycles with Crown Ether Rings Derived from Terdentate [<i>C</i> , <i>N</i> , <i>N</i>] Ligands. Crystal and Molecular Structure of the Dinuclear Palladium/Silver Complex [Pd{3,4-(AgC ₁₀ H ₂₀ O ₆)C ₆ H ₂ C(Me)•NN(H) (4- <i>Cl</i> -C ₄ H ₂ N ₂)}(PPh ₃)] [CF ₃ SO ₃] ₂ . | 1.1 | 9 |
| 18 | Dimetalated Crown Ether Schiff Base Palladacycles. Influence of the Carbon Chain Length on the Coordination Mode of Bidentate Phosphines. Crystal and Molecular Structure of the Novel Complex [Pd ₂ {1,4[C(H)•N{9,10-(C ₈ H ₁₆ O ₅)C ₆ H ₃ }] ₂ }] ₂ . | 1.1 | 6 |

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|----|--|-----|-----------|
| 19 | Crystal packing in a solvent-free or chloroform-solvated dinuclear platinum(III) organometallic complex. <i>Polyhedron</i> , 2011, 30, 2444-2450. | 1.0 | 11 |
| 20 | Cyclometallated Palladium Diphosphane Compounds Derived from the Chiral Ligand (S)-PhCH(Me)NMe ₂ . Michael Addition Reactions to the Vinylidene Double Bond. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1824-1832. | 1.0 | 7 |
| 21 | Mononuclear and tetranuclear palladacycles with terdentate [C,N,N] and [C,N,O] Schiff base ligands. C-H versus C-Br activation reactions. <i>Inorganica Chimica Acta</i> , 2011, 370, 89-97. | 1.2 | 5 |
| 22 | Reactivity of C(sp ²)-Pd and C(sp ³)-Pd bonded palladacycles with diphosphines. Crystal and molecular structure of the novel A-frame complex [Pd{2,5-Me ₂ C ₆ H ₂ C(H)N(2,4,6-Me ₃ C ₆ H ₂)-C ₆ }] ₂ (1/4-Ph ₂ PCH ₂ PPh ₂) ₂ (1/4-Cl)] [PF ₆]. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 764-771. | 0.8 | 3 |
| 23 | Synthesis and Structural Characterization of Palladium and Platinum Bimetallic Compounds Derived From Bidentate P-S-Palladacycle Metalloligands. <i>Crystal Growth and Design</i> , 2010, 10, 700-708. | 1.4 | 23 |
| 24 | Versatile Behavior of the Schiff Base Ligand 2,5-Me ₂ C ₆ H ₃ C(H)N(2,4,6-Me ₃ C ₆ H ₂) toward Cyclometalation Reactions: C(sp ² ,phenyl)H vs C(sp ³ ,methyl)H Activation. <i>Organometallics</i> , 2010, 29, 3303-3307. | 1.1 | 26 |
| 25 | Cyclometallated [C,N,O] Complexes as Metalloligands: Synthesis and Structural Characterisation of New Di-, Tri-, Tetra- and Pentanuclear Heterometallic Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3071-3083. | 1.0 | 19 |
| 26 | Seeking new metalloligands: Synthesis and reactivity of palladacycles with pyridine and pyrimidine rings. <i>Polyhedron</i> , 2009, 28, 2679-2683. | 1.0 | 4 |
| 27 | Synthesis and characterization of new heterocyclic Schiff base palladacycles: Ring activation through N-oxide formation. <i>Polyhedron</i> , 2009, 28, 3607-3613. | 1.0 | 4 |
| 28 | [Pd{2-CH ₂ -5-MeC ₆ H ₃ C(H)NNC(S)NHEt}] ₃ : An unprecedented trinuclear cyclometallated palladium(II) cluster through induced flexibility in the metallated ring. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 747-751. | 0.8 | 11 |
| 29 | 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. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1273-1282. | 0.8 | 16 |
| 30 | Cyclometallated complexes derived from pyrimidin- and pyridazinehydrazones: Structural evidence of intermolecular chelate metal ring interactions. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2234-2245. | 0.8 | 15 |
| 31 | Synthesis and reactivity of new functionalized Pd(II) cyclometallated complexes with boronic esters. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3597-3607. | 0.8 | 4 |
| 32 | Crown Ether Palladacycles as Metalloligands: Suitable Precursors for Tetranuclear Mixed Transition/Non-Transition Metal Complexes. <i>Organometallics</i> , 2009, 28, 6657-6665. | 1.1 | 13 |
| 33 | Activation of C-H and C-Br bonds in cyclopalladation reactions of Schiff base ligands: Influence of the benzylidene ring substituents. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 685-700. | 0.8 | 20 |
| 34 | Synthesis, characterization and crystal structures of cyclometallated palladium (II) compounds containing difunctional ligands with [P,P], [As,As], [N,N], [P,As], [P,N] and [P,O] donor atoms. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3655-3667. | 0.8 | 12 |
| 35 | Tetranuclear Complexes of Pd(II) with Tridentate [C,N,O] and [O,N,O] Ligands: Synthesis, Reactivity and Structural Isomerism. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 5408-5418. | 1.0 | 32 |
| 36 | Reactivity of tetranuclear complexes of Pd(II) with potentially homo- and heterobidentate ligands. <i>Polyhedron</i> , 2007, 26, 4567-4572. | 1.0 | 9 |

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|----|---|-----|-----------|
| 37 | New developments in the studies of the reactivity of cyclometallated palladium(II) compounds with homo- ([P,P], [As,As]) and heterobidentate ([P,N],[P,O]) ligands. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4197-4208. | 0.8 | 9 |
| 38 | Synthesis and crystal structure analysis of ferrocenylthiosemicarbazone complexes of palladium(II): Unusual Pd-C bond cleavage. <i>Polyhedron</i> , 2006, 25, 1449-1456. | 1.0 | 25 |
| 39 | New thiosemicarbazone palladacycles with chelating bis(diphenylphosphino)methane. <i>Polyhedron</i> , 2006, 25, 2848-2858. | 1.0 | 20 |
| 40 | Cyclometallated thiosemicarbazone palladium(II) compounds: The first crystal and molecular structures of mononuclear complexes with a κ^1 -1-diphosphine ligand. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2721-2733. | 0.8 | 26 |
| 41 | Cyclometallation of phenylhydrazones: Synthesis, reactivity, crystal structure analysis and novel trinuclear palladium(II) cyclometallated compounds with [C,N,N] terdentate ligands. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 3669-3679. | 0.8 | 11 |
| 42 | Novel Cyclometallated Complexes Derived From a Halogenated Thiosemicarbazone. Crystal and Molecular Structures of 2-FC6H4C(Me)=NN(H)C(=S)NHPH and $[(\text{Pd}\{2\text{-FC}_6\text{H}_3\text{C}(\text{Me})=\text{NN}=\text{C}(\text{S})\text{NHPH}\})_2(\kappa^1/4\text{-PPh}_2(\text{CH}_2)_2\text{PPh}_2)]$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2204-2209. | 0.6 | 12 |
| 43 | Synthesis, reactivity and characterization of cyclometallated palladium(II) compounds derived from pinacolone-N,N-dimethylhydrazone. <i>Inorganica Chimica Acta</i> , 2003, 342, 185-192. | 1.2 | 5 |
| 44 | Functionalized cyclopalladated compounds with bidentate Group 15 donor atom ligands: the crystal | | |

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|----|---|-----|-----------|
| 55 | Cyclopalladated compounds with a bidentate [C, N]/terdentate [C, N, S] benzylideneethiophene imine ligand. Crystal and molecular structures of [Pd{2,3-(MeO)2C6H2C(H)~...NCH2(C4H3S)}(1/4-OAc)]2, [Pd{2,3-(MeO)2C6H2C(H)~...NCH2(C4H3S)}(1/4-Cl)(PPh3)] and [Pd{2,3-(MeO)2C6H2C(H)~...NCH2(C4H3S)}(Cl)]2(1/4-Ph2P(CH2)4PPh2)]. Journal of Organometallic Chemistry, 2002, 654, 163-169. | 0.8 | 16 |
| 56 | Polynuclear cyclometallated palladium(II) complexes. Crystal and molecular structures of [(PPh3)(Cl)PdN(Cy)~...C(H)C6H2C(H)~...N(Cy) Pd(Cl)(PPh3)] and [PdN(Cy)~...C(H)C6H2C(H)~...N(Cy)Pd]{Ph2PC(H)~...C(H)PPh2-P,P}2][ClO4]2. Journal of Organometallic Chemistry, 2002, 655, 127-133. | 0.8 | 25 |
| 57 | Coupling reactions of manganese(I) cyclometallated compounds derived from heterocyclic N-donor ligands with alkynes. Journal of Organometallic Chemistry, 2002, 656, 270-273. | 0.8 | 18 |
| 58 | Cyclometallated compounds of Pd(II): C~...N to C~...O conversion through acid hydrolysis. Crystal and molecular structures of [Pd{4-(CHO)C6H3C(H)~...NCy}(Cl)(PPh3)2] and [Pd{2,4-(CHO)2C6H3}(Cl)(PPh3)2]. Journal of Organometallic Chemistry, 2002, 659, 67-72. | 0.8 | 6 |
| 59 | Cyclopalladated compounds derived from a [C,N,S] terdentate ligand: synthesis, characterization and reactivity. Crystal and molecular structures of [Pd{2-ClC6H3C(H)~...NCH2CH2SMe}(Cl)] and [Pd{2-ClC6H3C(H)~...NCH2CH2SMe}]2{mu-Ph2P(CH2)4PPh2}][CF3SO3]2. New Journal of Chemistry, 2002, 26, 105-112. | 1.4 | 34 |
| 60 | Mono- and Dinuclear Five-coordinate Cyclometalated Palladium(II) Compounds. Inorganic Chemistry, 2001, 40, 4583-4587. | 1.9 | 22 |
| 61 | Cyclometalated Palladium(II) Fragments as Building Blocks in the Construction of New Heteronuclear Metalomacrocycles. Organometallics, 2001, 20, 1350-1353. | 1.1 | 78 |
| 62 | Directed regioselectivity in cyclometallated palladium(II) compounds of N-benzylidenebenzylamines. Crystal and molecular structure of [Pd{3,4-(OCH2O)C6H2C(H)~...NCH2[3,4-(OCH2O)C6H3]-C2,N}(1/4-O2CMe)]2. Polyhedron, 2001, 20, 2925-2933. | 1.0 | 15 |
| 63 | Novel structures of cyclometallated complexes of palladium(II) derived from terdentate ligands. Crystal and molecular structure of [Pd{C6H4C(H)~...NCH2CH2CH2NMe2}(X)] (X=Cl, Br, I). Journal of Organometallic Chemistry, 2001, 620, 8-19. | 0.8 | 34 |
| 64 | Novel cyclopalladated ferrocenyl Schiff base compounds with bridging and chelating diphosphines. Crystal and molecular structure of [Pd{(1-5-C5H5)Fe(1-5-C5H3)C(H)~...N-2,4,6-Me3C6H2}]{Ph2P(CH2)nPPh2(1/2-P,P)}][PF6] (n=1, 2). Journal of Organometallic Chemistry, 2001, 637-639, 577-585. | 0.8 | 15 |
| 65 | Activation of C~X (X=Cl or Br) bonds in 2-halobenzaldehydes as their 2-pyridylhydrazone derivatives: oxidative addition to tungsten(0) to give aryl~tungsten(II) complexes. Inorganica Chimica Acta, 2001, 325, 175-178. | 1.2 | 10 |
| 66 | Cyclopalladation of Schiff base ligands: crystal and molecular structures of [Pd-?{2,4-(OCH3)2C6H2C(H)~...N?(C6H11)-C6,N}?(1/2-O2CCH3)]2 and [Pd-?{3,4-(OCH3)2C6H2C(H)~...N?(C6H11)-C6,N}?(1/2-O2CCH3)]2 and [Pd-?{3,4-(OCH3)2C6H2C(H)~...N?(C6H11)-C6,N}?(1/2-O2CCH3)]2 | | |

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|----|---|-----|-----------|
| 73 | Cyclometalated Complexes with Triphosphine Ligands: A Novel Route for Promoting Pentacoordination in Palladium(II). <i>Organometallics</i> , 1999, 18, 5484-5487. | 1.1 | 46 |
| 74 | Cyclometalated semicarbazone complexes of palladium(II). Crystal and molecular structure of $[\{Pd[C_6H_4C(Et)N(NH)C(O)NH_2\}_2(\frac{1}{4}\text{-Ph}_2P(CH_2)_3PPh_2)] [ClO_4]_2$. <i>Journal of Organometallic Chemistry</i> , 1998, 556, 21-30. | 0.8 | 43 |
| 75 | Reactivity of functionalised cyclometalated complexes of palladium(II). Crystal and molecular structure of $[Pd\{3\text{-}(CHO)C_6H_3C(H)N(Cy)\}(Br)(PEtPh_2)]$. <i>Journal of Organometallic Chemistry</i> , 1998, 556, 31-39. | 0.8 | 18 |
| 76 | Synthesis of complexes of platinum (II) with C,N,N ² -terdentate Schiff base donor ligands. Crystal and molecular structure of $[Pt\{3\text{-Me-4-MeOC}_6H_2C(H)NCH_2CH_2NMe_2\}(Me)]$. <i>Journal of Organometallic Chemistry</i> , 1998, 566, 93-101. | 0.8 | 41 |
| 77 | Novel dinuclear cyclometalated complexes of palladium(II) derived from N,N-(2,5-dichloro)terephthalylidenebis(cyclohexylamine) via oxidative addition. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1997, 623, 844-848. | 0.6 | 17 |
| 78 | Cyclometalated 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). <i>Journal of Organometallic Chemistry</i> , 1997, 532, 171-180. | 0.8 | 46 |
| 79 | Cyclometalated complexes of palladium(II) with 1-methyl-2-phenylimidazole and tertiary diphosphines. Crystal and molecular structure of $[Pd\{o\text{-}C_6H_4C=NC(H)=C(H)NMe\}(Ph_2PCH(Me)PPh_2\text{-}P,P)] [PF_6]$. <i>Journal of Organometallic Chemistry</i> , 1997, 547, 297-307. | 0.8 | 19 |
| 80 | Synthesis and characterization of cyclometalated complexes of palladium(II) and manganese(I) with bidentate Schiff bases. <i>Journal of Organometallic Chemistry</i> , 1996, 506, 165-174. | 0.8 | 56 |
| 81 | Cyclometalated compounds of palladium(II) with a 2,4-pentanedionate: the X-ray crystal structure of. <i>Journal of Organometallic Chemistry</i> , 1996, 510, 51-56. | 0.8 | 3 |
| 82 | Dinuclear cyclometalated complexes of PdII with diphosphines. X-ray crystal structure of. <i>Journal of Organometallic Chemistry</i> , 1996, 511, 129-138. | 0.8 | 39 |
| 83 | Reactivity of tetranuclear cyclometalated palladium(II) halide-bridged complexes of bis(N-benzylidene)-1,4-phenylenediamines. <i>Journal of Organometallic Chemistry</i> , 1994, 479, 37-46. | 0.8 | 25 |
| 84 | Cyclometalated compounds of palladium(II) with diphosphines. The X-ray crystal structure of $[\{Cy\}_2\text{-}(\frac{1}{4}\text{-Ph}_2PC(\text{CH}_2)PPh_2)Cl_2]$. <i>Journal of Organometallic Chemistry</i> , 1994, 471, 259-263. | 0.8 | 12 |
| 85 | Cyclometalated complexes of PdII and MnI with N,N-terephthalylidenebis(cyclohexylamine). <i>Journal of Organometallic Chemistry</i> , 1993, 445, 287-294. | 0.8 | 54 |
| 86 | Synthesis of cyclometalated complexes of PdII. The X-ray crystal structure of di- $\frac{1}{4}$ -bromo-bis[N-(3,4-dimethoxybenzylidene)cyclohexylamino-C ₆ ,N]dipalladium(II). <i>Journal of Organometallic Chemistry</i> , 1991, 401, 385-394. | 0.8 | 62 |
| 87 | Reactivity of cyclometalated palladium(II) dimer complexes with diphosphines. <i>Polyhedron</i> , 1990, 9, 2741-2745. | 1.0 | 18 |