Digna VÃ¡zquez-GarcÃ-a

List of Publications by Year
in descending order

37 papers	577 citations	777949 13 h-index	721071 23 g-index
37 all docs	37 docs citations	37 times ranked	820 citing authors

#	Article	IF	Citations
1	Photoluminescent and vapochromic properties of the Mn(II)-doped (C6H11NH3)2PbBr4 layered organicâ€“inorganic hybrid perovskite. Polyhedron, 2021, 193, 114840.	1.0	2
2	Half-Sandwich Ru(p-cymene) Compounds with Diphosphanes: In Vitro and In Vivo Evaluation As Potential Anticancer Metallodrugs. Inorganic Chemistry, 2021, 60, 2914-2930.	1.9	18
3	Evaluation of the In Vitro and In Vivo Efficacy of Ruthenium Polypyridyl Compounds against Breast Cancer. International Journal of Molecular Sciences, 2021, 22, 8916.	1.8	3
4	The chelate-to-bridging shift of phosphane dipalladacycles: convenient synthesis of double A-frame tetranuclear complexes. Chemical Communications, 2018, 54, 2662-2665.	2.2	4
5	Ru^{II}(p-cymene) Compounds as Effective and Selective Anticancer Candidates with No Toxicity in Vivo. Inorganic Chemistry, 2018, 57, 13150-13166.	1.9	52
6	Diimidazolium Halobismuthates [Dim]₂[Bi₂X₁₀] (X =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Photoluminescent Materials. Inorganic Chemistry, 2018, 57, 7655-7664.	1.9	56
7	Self-assembly of dinuclear Pd(<scp>ii</scp>)/Pt(<scp>ii</scp>) metallacyclic receptors incorporating N-heterocyclic carbene complexes as corners. Dalton Transactions, 2017, 46, 4182-4190.	1.6	5
8	Straightforward Preparation Method for Complexes Bearing a Bidentate N-Heterocyclic Carbene To Introduce Undergraduate Students to Research Methodology. Journal of Chemical Education, 2017, 94, 1552-1556.	1.1	4
9	Preparation and characterization of terdentate [C,N,N] acetophenone and acetylpyridine hydrazone platinacycles: a DFT insight into the reaction mechanism. Dalton Transactions, 2017, 46, 16845-16860.	1.6	6
10	Dinuclear Ru^{II}(bipy)₂ Derivatives: Structural, Biological, and in Vivo Zebrafish Toxicity Evaluation. Inorganic Chemistry, 2017, 56, 7127-7144.	1.9	40
11	Preparation of Imidazolâ€2â€ylidene Carbene Palladacycles with Biâ€• and Tridentate Schiff Bases â€“ Analyses of the Spectroscopic, Molecular Structure, and DFT Calculation Data. European Journal of Inorganic Chemistry, 2016, 2016, 422-431.	1.0	4
12	Dinuclear cyclometallated platinum(III) complexes. Relationship between molecular structure and crystal packing. Polyhedron, 2014, 67, 160-170.	1.0	9
13	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. Journal of Organometallic Chemistry, 2014, 772-773, 192-201.	0.8	8
14	Versatile nuclephilic 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. Journal of Organometallic Chemistry, 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. Journal of Chemical Education, 2012, 89, 156-158.	1.1	10
16	Mononuclear cycloplatinated complexes derived from 2-tolylpyridine with N-donor ligands: Reactivity and structural characterization. Polyhedron, 2012, 33, 13-18.	1.0	10
17	Crystal packing in a solvent-free or chloroform-solvated dinuclear platinum(III) organometallic complex. Polyhedron, 2011, 30, 2444-2450.	1.0	11
18	Cyclometallated Palladium Diphosphane Compounds Derived from the Chiral Ligand (S)-PhCH(Me)NMe2. Michael Addition Reactions to the Vinylidene Double Bond. European Journal of Inorganic Chemistry, 2011, 2011, 1824-1832.	1.0	7

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19	Mononuclear and tetranuclear palladacycles with terdentate [C,N,N] and [C,N,O] Schiff base ligands. Câ€“H versus Câ€“Br activation reactions. Inorganica Chimica Acta, 2011, 370, 89-97.	1.2	5
20	Reactivity of C(sp2)-Pd and C(sp3)-Pd bonded palladacycles with diphosphines. Crystal and molecular structure of the novel A-frame complex [{Pd[2,5-Me2C6H2C(H) N(2,4,6-Me3C6H2)-C6]}2(Î¼-Ph2PCH2PPh2)2(Î¼-Cl)][PF6]. Journal of Organometallic Chemistry, 2011, 696, 764-771.	0.8	3
21	Reactivity of [Os₃(Î¼-H)₂(CO)₁₀] with N-Heterocyclic Carbenes: A Combined Experimental and DFT Computational Study. Organometallics, 2010, 29, 3828-3836.	1.1	16
22	Cyclometallated [C,N,O] Complexes as Metalloligands: Synthesis and Structural Characterisation of New Diâ€; Triâ€; Tetraâ€•and Pentanuclear Heterometallic Complexes. European Journal of Inorganic Chemistry, 2009, 2009, 3071-3083.	1.0	19
23	A Simple Preparation of Pyridineâ€Derived Nâ€Heterocyclic Carbenes and Their Transformation into Bridging Ligands by Orthometalation. Angewandte Chemie - International Edition, 2009, 48, 555-558.	7.2	50
24	Seeking new metalloligands: Synthesis and reactivity of palladacycles with pyridine and pyrimidine rings. Polyhedron, 2009, 28, 2679-2683.	1.0	4
25	Synthesis and characterization of new heterocyclic Schiff base palladacycles: Ring activation through N-oxide formation. Polyhedron, 2009, 28, 3607-3613.	1.0	4
26	Cyclometallated complexes derived from pyrimidin- and pyridazinehydrazones: Structural evidence of intermolecular â€œchelate metal ringâ€•Ï€â€“Ï€ interactions. Journal of Organometallic Chemistry, 2009, 694, 2234-2245.	0.8	15
27	Synthesis and reactivity of new functionalized Pd(II) cyclometallated complexes with boronic esters. Journal of Organometallic Chemistry, 2009, 694, 3597-3607.	0.8	4
28	Reactivity of [Ru4(Î¼-H)4(CO)12] with N-Heterocyclic Carbenes. Organometallics, 2009, 28, 1832-1837.	1.1	31
29	Crown Ether Palladacycles as Metalloligands: Suitable Precursors for Tetranuclear Mixed Transition/Non-Transition Metal Complexes. Organometallics, 2009, 28, 6657-6665.	1.1	13
30	Activation of Câ€“H and Câ€“Br bonds in cyclopalladation reactions of Schiff base ligands: Influence of the benzylidene ring substituents. Journal of Organometallic Chemistry, 2008, 693, 685-700.	0.8	20
31	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. Journal of Organometallic Chemistry, 2008, 693, 3655-3667.	0.8	12
32	Tetranuclear Complexes of Pd^{II} with Tridentate [C,N,O] and [O,N,O] Ligands: Synthesis, Reactivity and Structural Isomerism. European Journal of Inorganic Chemistry, 2007, 2007, 5408-5418.	1.0	32
33	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. Journal of Organometallic Chemistry, 2007, 692, 4197-4208.	0.8	9
34	Cyclometallation of phenylhydrazones: Synthesis, reactivity, crystal structure analysis and novel trinuclear palladium(II) cyclometallated compounds with [C,N,Nâ€²] terdentate ligands. Journal of Organometallic Chemistry, 2005, 690, 3669-3679.	0.8	11
35	Synthesis and reactivity of novel cyclometallated complexes derived from [C,N,O] terdentate ligands. Crystal structure of [Pd{2,3,4-(MeO)3C6HC(H)î€†N[2-(O)C6H4]}(PPh3)]. New Journal of Chemistry, 2002, 26, 398-404.	1.4	35
36	Nucleophilic addition of 1,3-dicarbonyl compounds as a route to functionalized cyclopalladated complexes with chelated 1,1-bis(diphenylphosphino)ethene. New Journal of Chemistry, 2002, 26, 1425-1432.	1.4	8

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37	Cyclopalladated compounds derived from a [C,N,S] terdentate ligand: synthesis, characterization and reactivity. Crystal and molecular structures of [Pd{2-ClC6H3C(H)î€†NCH2CH2SMe}(Cl)] and [{Pd[2-ClC6H3C(H)î€†NCH2CH2SMe]}2{Âµ-Ph2P(CH2)4PPh2}][CF3SO3]2. New Journal of Chemistry, 2002, 26, 105-112.	1.4	34